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# The Patent Office Record

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# THE CANADIAN PATENT OFFICE RECORD
# LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

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Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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# Notices

## 1. Dates and Code Numerals Appearing in Patent Headings

### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date ( Re-Issued, Re-Examined )
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

# Avis

## 1. Dates et chiffres de code figurant à l'entête des brevets

### Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction ( Redélivrance, Réexamen )
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

## 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

## 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

## 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

| Item 25.1* On requesting copy in electronic form of a document: | N/A |
|---|---|
| a) for each request | $10 |
| b) plus, for each patent or application to which the request relates | $10 |
| c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first | $10 |
| d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes | $10 |

## 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

| Article 25.1* Demande d'une copie d'un document sous forme électronique : | S.O. |
|---|---|
| a) pour chaque demande | 10 $ |
| b) pour chaque demande de brevet ou brevet visé par la demande | 10 $ |
| c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel | 10 $ |
| d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur | 10 $ |

## 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

## 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

## 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

## 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

## 6. Licensing of Patents

**Voluntary Licences**
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

**Compulsory Licences**
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

## 6. Octroi de licences en vertu des brevets

**Licences librement accordées**
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

**Licences obligatoires**
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

## 7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

## 7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

## 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,898,750
2,911,699

## 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,898,750
2,911,699

## 9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

## 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

## 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

## 10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## 11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

| | |
|---|---|
| 1. **Transmittal Fee** (Rule 14) | **$300** |
| 2. **International Filing Fee** | **$1708*** |
| For each additional sheet over 30 | **$19** |
| 3. **International Search Fee** | **$1600** |

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

| | |
|---|---|
| 1. **Taxe de transmission** (Règle 14) | **300 $** |
| 2. **Taxe de dépôt internationale** | **1708 $*** |
| Pour chaque feuille au delà de 30 | **19 $** |
| 3. **Taxe de recherche internationale** | **1600 $** |

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

**4. Late payment fee**

**50% of the fees that are due, or,**
**Minimum: Transmittal fee**
**Maximum: 50% of the international filing fee**

**Preliminary Examination**

5. **Handling fee** (Rule 57.2(*a*)) **$257**

6. **Preliminary examination fee** (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

**4. Taxe pour paiement tardif**

**50% du montant impayé, ou,**
**Minimum : taxe de transmission**
**Maximum : 50% de la taxe de dépôt international**

**Examen préliminaire**

5. **Taxe de traitement** (Règle 57.2*a*)) **257 $**

6. **Taxe d'examen préliminaire** (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

## 13. Practice Notice

### LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

**Note:** *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

## 13. Énoncé de pratique

### LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

**Nota :** *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

## 14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

## 14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

**This notice will replace all previous notices regarding Correspondence Procedures.**

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

**Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.**

**Nota :** *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

### 1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

### 1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

### 1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

### 1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

### 1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

### 1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé$^{MC}$ et Xpresspost$^{MC}$ de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

## 2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

## 2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

### 2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

### Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

### 2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

### Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

### 2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

### Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

### 2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

### Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

## Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

**Note:** Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

## Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

## Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

## Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

**Note**: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

## Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

## Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

**Industrial Designs**

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

**Dessins industriels**

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

**Integrated Circuit Topographies**

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

**Topographies de circuits intégrés**

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

**2.3 Electronic medium**

**Patents**

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

**2.3 Supports électroniques**

**Brevets**

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

**Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings**

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

**Electronic Media accepted by the Patent Office**

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

**Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences**

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

**Supports électroniques acceptés par le Bureau des brevets**

Le Bureau de brevets acceptera des disquettes 3.5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

### 3. Details concerning the electronic formats accepted

#### Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

### 3. Précisions concernant les formats électroniques acceptés

#### Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

**Industrial Design**

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

**Dessins industriels**

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

## 4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

## 4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

## 5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

## 5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

### Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

### Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

**Time limits under the Patent and Trade-marks Acts**

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

**Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce**

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

**Time limits under the Patent Cooperation Treaty**

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

**Délais prévus dans le Traité de coopération en matière de brevets**

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

**Provincial and Territorial Holidays**

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

**Jours fériés provinciaux ou territoriaux**

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

**When CIPO's Offices are closed for business**

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

**Jours de fermeture des bureaux de l'OPIC au public**

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

**6. Procedures in case of an unexpected office closure at CIPO**

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

**6. Procédures en cas de fermeture des bureaux**

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

**7. Procedures when CIPO is open for business but clients are unable to communicate with the Office**

**7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture**

**Patents, Industrial Design, Copyright and Integrated Circuit Topography**

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

**Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés**

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

**Trademarks**

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

**Marques de commerce**

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

**8. Intellectual property acts, rules and regulations**

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

**8. Lois, règles et règlements sur la propriété intellectuelle**

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

## 15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 26, 2018 contains applications open to public inspection from June 10, 2018 to June 16, 2018.

## 15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 26 juin 2018 contient les demandes disponibles au public pour consultation pour la période du 10 juin 2018 au 16 juin 2018.

# Canadian Patents Issued

**June 26, 2018**

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**26 juin 2018**

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[54] **METHOD AND SYSTEMS FOR PROVIDING ELECTRONIC CUSTOMS FORM**
[54] **PROCEDE ET SYSTEMES PERMETTANT D'OBTENIR UN FORMULAIRE DE DOUANE ELECTRONIQUE**
[72] STIREWALT, DANIEL S., US
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[54] **METHOD FOR THE PREPARATION OF ANALLERGIC PROBIOTIC BACTERIAL CULTURES AND RELATED USE**
[54] **PROCEDE POUR L'ELABORATION DE CULTURES BACTERIENNES PROBIOTIQUES ANALLERGIQUES**
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[25] EN
[54] **DEVELOPMENT OF DENGUE VIRUS VACCINE COMPONENTS**
[54] **DEVELOPPEMENT DE COMPOSANTS D'UN VACCIN CONTRE LE VIRUS DE LA DENGUE**
[72] WHITEHEAD, STEPHEN S., US
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[54] **COMPOSITIONS, METHODS AND KITS FOR ISOLATING NUCLEIC ACIDS FROM BODY FLUIDS USING ANION EXCHANGE MEDIA**
[54] **COMPOSITIONS, PROCEDES ET TROUSSES POUR ISOLER ACIDES NUCLEIQUES A PARTIR DE FLUIDES CORPORELS AU MOYEN D'UN MILIEU D'ECHANGE ANIONIQUE**
[72] FEAVER, WILLIAM JOHN, US
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[54] **TREATMENT OF LEAKY OR DAMAGED TIGHT JUNCTIONS AND ENHANCING EXTRACELLULAR MATRIX**
[54] **TRAITEMENT DE JONCTIONS SERREES PARTIELLEMENT FONCTIONNELLES OU ENDOMMAGEES ET RENFORCEMENT DE LA MATRICE EXTRACELLULAIRE**
[72] ELLIS-BEHNKE, RUTLEDGE, US
[72] KELLY, STEPHEN RICHARD, US
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[54] **KEY-CARD ACCESS SYSTEM FOR PROVIDING SELECTIVE ACCESS TO MEDICAL EQUIPMENT**
[54] **SYSTEME D'ACCES A UNE CARTE-CLEF POUR OBTENIR L'ACCES SELECTIF A DE L'EQUIPEMENT MEDICAL**
[72] BOSSONEY, LUC, CH
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[25] EN
[54] **PSEUDO-RANDOM SEQUENCE MAPPING IN WIRELESS COMMUNICATIONS**
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[54] **SYSTEM AND METHOD FOR RETURN ELECTRODE MONITORING**
[54] **SYSTEME ET METHODE DE CONTROLE D'ELECTRODES DE RETOUR**
[72] GILBERT, JAMES A., US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **MIXED METAL COMPOUNDS FOR TREATMENT OF HYPERPHOS PHATAEMIA**
[54] **COMPOSES METALLIQUES MIXTES POUR LE TRAITEMENT D'UNE HYPERPHOSPHATEMIE**
[72] NEWTON, MAURICE SYDNEY, GB
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[73] CYTOCHROMA DEVELOPMENT INC., BB
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[72] SALGAR, MAYUR S., IN
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[73] HONEYWELL INTERNATIONAL INC., US
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[54] **FIRE RETARDANT ELASTIC FOAM MATERIAL COMPRISING POLYCHLOROPRENE AND CHLOROPARAFFIN**
[54] **MATERIAU EN MOUSSE ELASTIQUE IGNIFUGE RENFERMANT DU POLYCHLOROPRENE ET DE LA CHLOROPARAFFINE**
[72] QUANTE, HERIBERT, DE
[72] WEIDINGER, JUERGEN, DE
[72] ZAUNER, CHRISTOPH, DE
[73] ARMACELL ENTERPRISE GMBH & CO. KG, DE
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[54] **PHOTOINDUCED ELECTRON TRANSFER (PET) PRIMER FOR NUCLEIC ACID AMPLIFICATION**
[54] **AMORCE DE TRANSFERT D'ELECTRONS PHOTOINDUIT (PET) POUR AMPLIFICATION D'ACIDES NUCLEIQUES**
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[54] **SEED TREATMENT FORMULATIONS COMPRISING POLYVINYL ALCOHOL PLASTICIZERS AND A GRAFT COPOLYMER AND METHODS OF USE**
[54] **FORMULATIONS DE TRAITEMENT DE SEMENCE RENFERMANT DES AGENTS PLASTIFIANTS RENFERMANT DE L'ALCOOL POLYVINYLIQUE ET UN COPOLYMERE GREFFON ET METHODES D'UTILISATION**
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[72] SEITZ, MICHAEL, US
[73] VALENT U.S.A. CORPORATION, US
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[54] **EMULSION EXPLOSIVE A FAIBLE DENSITE**
[72] PEREZ CORDOVA, PIO FRANCISCO, PE
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[73] INDUSTRIAS MINCO S.A.C., PE
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[54] **METHODS FOR MEASURING CHANGES IN OPTICAL PROPERTIES OF WOUND TISSUE AND CORRELATING NEAR INFRARED ABSORPTION (FNIR) AND DIFFUSE REFLECTANCE SPECTROSCOPY SCATTERING (DRS) WITH TISSUE NEOVASCULARIZATION AND COLLAGEN CONCENTRATION TO DETERMINE WHETHER WOUND IS HEALING**
[54] **PROCEDES PERMETTANT LA MESURE DES MODIFICATIONS DES PROPRIETES OPTIQUES D'UN TISSU DE LESION ET LA MISE EN CORRELATION DE LA SPECTROSCOPIE DE L'ABSORPTION PROCHE INFRAROUGE (FNIR)ET DE LA SPECTROSCOPIE DE REFLECTANCE DIFFUSE (DRS) AVEC LA NEO-VASCULARISATION DES TISSUS ET LA CONCENTRATION DE COLLAGENE POUR DETERMINER SI UNE LESION EST EN COURS DE CICATRIS**
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[72] WEINGARTEN, MICHAEL S., US
[72] ZUBKOV, LEONID, US
[72] NEIDRAUER, MICHAEL T., US
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[54] **PRETREATMENT OF GRAIN SLURRY WITH ALPHA-AMYLASE AND A HEMICELLULASE BLEND PRIOR TO LIQUEFACTION**
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[25] EN
[54] **METHOD AND MEANS FOR TREATING VIRAL DISEASE, IN PARTICULAR HIV/AIDS**
[54] **PROCEDE ET MOYENS DE TRAITEMENT D'UNE MALADIE VIRALE, EN PARTICULIER LE VIH/SIDA**
[72] LJUNGBLAD, ULF, SE
[72] BACKSTROM LUNDGREN, YEN, SE
[72] WINQVIST, OLA, SE
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[54] **AGONISTS OF GUANYLATE CYCLASE USEFUL FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS, INFLAMMATION, CANCER AND OTHER DISORDERS**
[54] **AGONISTES DE GUANYLATE CYCLASE UTILE DANS LE TRAITEMENT DE TROUBLES GASTRO-INTESTINAUX, D'UNE INFLAMMATION, D'UN CANCER ET D'AUTRES TROUBLES**
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[72] SCHLUETER, WERNER, DE
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[54] **COMPOSITION DE SUPPLEMENT ET METHODE D'UTILISATION**
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[73] O3 ANIMAL HEALTH, LLC, US
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[54] **SYSTEME ET PROCEDE SERVANT A DETECTER LA PROXIMITE PAR RAPPORT A UNE STRUCTURE CRITIQUE**
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[72] ALEXANDER, SCOTT F., US
[72] PODHAJSKY, RONALD J., US
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[54] **FLUOROCHROMES POUR LA DETECTION D'ORGANELLES ET L'IMAGERIE POLYCHROME**
[72] PATTON, WAYNE FORREST, US
[72] PANDE, PRAVEEN, US
[72] XIANG, YUEJUN, US
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[54] **COMPOSES D'IMIDAZOLIDINE ET LEUR UTILISATION COMME MODULATEURS DE RECEPTEURS ANDROGENES.**
[72] NIQUE, FRANCOIS, FR
[72] JAGERSCHMIDT, CATHERINE, FR
[72] BLANQUE, ROLAND, FR
[72] LEFRANCOIS, JEAN-MICHEL, FR
[72] PEIXOTO, CHRISTOPHE, FR
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[54] **PROCEDE ET APPAREIL POUR ACTIONNER DES DISPOSITIFS DE TERRAIN PAR L'INTERMEDIAIRE D'UN COMMUNICATEUR PORTABLE**
[72] GRUMSTRUP, BRUCE FREDERICK, US
[72] JUNK, KENNETH WILLIAM, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[72] CHLEBOWSKI, ARTHUR, US
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[54] **METHODE D'EXPLOITATION D'UN SYTEME DE BUS**
[72] WATROBA, RADOSLAW, DE
[72] KRALY, RAINER, DE
[72] SCHMITZ, CHRISTIAN, DE
[73] ELMOS SEMICONDUCTOR AG, DE
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[54] **TURBINE A AXE TRANSVERSAL A AFFICHAGE CONTROLABLE**
[72] LAM, RONALD CHUN YU, HK
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[54] **REVETEMENTS AUTO-NETTOYANTS**
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[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[54] **ECHANGEUR THERMIQUE A PLAQUE ETANCHE A L'AIR**
[72] AUST, MICHAEL, DE
[73] GEA WTT GMBH, DE
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[54] **ENSEMBLE CONTENANT**
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[72] FRAIMAN, ZVIKA, IL
[73] THE STANLEY WORKS ISRAEL LTD., IL
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[72] MOUA, TONY, US
[72] BUTCHER, DENNIS W., US
[72] DICKHANS, WILLIAM J., US
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[54] **DERIVES DE MORPHINANE AVEC BIODISPONIBILITE ORALE ELEVEE**
[72] TURNCLIFF, RYAN, US
[72] DEAVER, DANIEL, US
[72] ARNELLE, DERRICK, US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
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[73] SUNTORY HOLDINGS LIMITED, JP
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[54] **PROTEINE DE LIAISON DU FACTEUR H MENINGOCOCCIQUE UTILISEE COMME ADJUVANT**
[72] CONTORNI, MARIO, IT
[72] TARLI, LORENZO, IT
[73] NOVARTIS AG, CH
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[54] **METHOD FOR PRODUCING A COOLING ELEMENT FOR PYROMETALLURGICAL REACTOR AND THE COOLING ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE REFROIDISSEMENT POUR UN REACTEUR PYROMETALLURIQUE ET ELEMENT DE REFROIDISSEMENT**
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[72] RENFORS, TUOMAS, FI
[72] LEHTOLA, ARI, FI
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[54] **PROCEDE ET APPAREIL POUR PRODUIRE DES COMBUSTIBLES HYDROCARBONES**
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[54] **SYSTEME D'IMPLANT ENDOSCOPIQUE ET PROCEDE ASSOCIE**
[72] CREWS, SAMUEL T., US
[72] SWOPE, BRETTON, US
[72] ENGLAND, JUSTEN, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **DISPOSITIF OPTIQUE MULTICANAL**
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[73] MELLANOX TECHNOLOGIES SILICON PHOTONICS INC., US
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[54] **PROCEDES PERMETTANT DE FOURNIR DES ESSAIS DE MEDICAMENTS PERSONNALISES EX VIVO POUR DES TUMEURS HEMATOLOGIQUES**
[72] BALLESTEROS, JUAN, ES
[72] BENNETT, TERESA, ES
[72] PRIMO, DANIEL, ES
[72] ORFAO, ALBERTO, ES
[72] JACKSON, COYT, ES
[72] LAGO, SANTIAGO, ES
[72] MATOSES, MARIA, ES
[72] SUAREZ, LILIA, ES
[72] SAPIA, SANDRA, ES
[72] BOSANQUET, ANDREW, GB
[72] GORROCHATEGUI, JULIAN, ES
[72] TUDELA, CONSUELO, ES
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[73] VIVIA BIOTECH S.L., ES
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[54] **FLUIDE D'ESSAI A CHAUD CONTENANT UN AGENT D'INHIBITION EN PHASE VAPEUR**
[72] DE KIMPE, JURGEN P., BE
[72] LIEVENS, SERGE S., BE
[73] ARTECO NV, BE
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[73] BASF CORPORATION, US
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[54] **COMBINAISONS RENFERMANT DU BACLOFEN ET DU SORBITOL EN VUE DU TRAITEMENT DE LA MALADIE DE CHARCOT-MARIE-TOOTH, DE NEUROPATHIE TOXIQUE ET DE SCLEROSE LATERALE AMYOTROPHIQUE**
[72] COHEN, DANIEL, FR
[72] NABIROCHKIN, SERGUEI, FR
[72] CHUMAKOV, ILYA, FR
[73] PHARNEXT, FR
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[54] **ISOTOPE PRODUCTION SYSTEM WITH SEPARATED SHIELDING**
[54] **SYSTEME DE PRODUCTION D'ISOTOPE AVEC ECRAN DE PROTECTION SEPARE**
[72] NORLING, JONAS, SE
[72] ERIKSSON, TOMAS, SE
[73] GENERAL ELECTRIC COMPANY, US
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[54] **COMPOSITION AND PROCESS FOR PRODUCTION THEREOF**
[54] **COMPOSITION ET SON PROCEDE DE FABRICATION**
[72] TSUJI, HIDEYASU, JP
[72] TSUJI, YASUHIRO, JP
[72] OKA, TORU, JP
[72] SUGI, SHIGERU, JP
[72] TORII, MASUMI, JP
[72] MIYAO, HARUKA, JP
[72] NAKAYAMA, YOSHIMITSU, JP
[72] TORII, TOMOYUKI, JP
[72] MORI, MASAHITO, JP
[73] SUNSTAR GIKEN KABUSHIKI KAISHA, JP
[73] LIGARIC CO., LTD., JP
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[54] **MATERIAUX COMPOSITES IGNIFUGEANTS**
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[72] CREASER, BENJAMIN EDWARD, GB
[73] GURIT (UK) LTD, GB
[85] 2012-01-27
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[54] **METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS**
[54] **PROCEDE ET APPAREIL UTILISABLES DANS LE CADRE D'UN PROCESSUS D'EXTRACTION D'ANTIGENES**
[72] GERDES, MICHAEL J., US
[72] SEVINSKY, CHRISTOPHER J., US
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[54] **DISPOSITIF POUR GAZEIFIER UNE SUSPENSION RECUE DANS UN BASSIN DE TRAITEMENT**
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[54] **METHODS FOR SYNTHESIZING RADIOLABELLED GUANIDINE DERIVATIVES FOR USE IN POSITRON EMISSION TOMOGRAPHY**
[54] **METHODE DE SYNTHETISATION DE DERIVES DE GUANIDINE RADIOMARQUES DESTINEE A UNE UTILISATION EN TOMOGRAPHIE PAR EMISSION DE POSITRON**
[72] BRATHE, ANDERS, NO
[72] OLSSON, ANDREAS, NO
[72] THANING, MIKKEL, NO
[72] BUGGE, STEFFEN, NO
[73] GE HEALTHCARE LIMITED, GB
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[54] **CONNECTEUR ET PROCEDE DE RENFORT DE SOL POUR MUR DE SOUTENEMENT**
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[73] T & B STRUCTURAL SYSTEMS LLC, US
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[72] CHELOUFI, SIHEM, US
[73] COLD SPRING HARBOR LABORATORY, US
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[54] **PROCEDES ET APPAREIL PERMETTANT D'IMAGER DES CARACTERISTIQUES DE FORMATIONS DE SOUS-SURFACE**
[72] HIRABAYASHI, NOBUYASU, JP
[72] TORII, KENTARO, JP
[72] YAMAMOTO, HIROAKI, JP
[72] HALDORSEN, JAKOB, US
[72] VOSKAMP, ARNE, CN
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[54] **COMPOSITIONS DE KETOROLAC POUR LA CICATRISATION DE LESIONS CORNEENNES**
[72] GRAHAM, RICHARD S., US
[72] HOLLANDER, DAVID, US
[72] VILLANUEVA, LINDA, US
[72] FARNES, ELDON QUINN, US
[72] ATTAR, MAYSSA, US
[72] SCHIFFMAN, RHETT M., US
[72] CHANG, CHIN-MING, US
[72] WELTY, DEVIN F., US
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[54] **BRIDE DE COMPRESSEUR POUR COMPRESSEUR A VIS**
[72] KOECK, ENGELBERT, DE
[73] KNORR-BREMSE SYSTEME FUER SCHIENENFAHRZEUGE GMBH, DE
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[54] **SOUPAPE DE REGULATION POUR COMPRESSEUR A VIS A INJECTION D'HUILE**
[72] KOECK, ENGELBERT, DE
[72] HOFSTETTER, MICHAEL, DE
[73] KNORR-BREMSE SYSTEME FUER SCHIENENFAHRZEUGE GMBH, DE
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[54] **CALE DE BLOCAGE POUR UTILISATION AVEC UN ORDINATEUR MONOCARTE, ORDINATEUR MONOCARTE ET PROCEDE DE MONTAGE D'UN SYSTEME INFORMATIQUE**
[72] SPORER, BERND, DE
[72] IRELAND, ROBERT, GB
[73] ABACO SYSTEMS, INC., US
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[54] **POLYMERES CONJUGUES MULTICOLORES AVEC ETAT OXYDE A TRANSMISSION ELEVEE**
[72] REYNOLDS, JOHN R., US
[72] SHI, PENGJIE, US
[72] MEI, JIANGUO, US
[72] AMB, CHAD MARTIN, US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
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[54] **COMPOSITIONS DE CONTROLE DE MALADIE DE VEGETAUX RENFERMANT UN COMPOSE CARBOXAMIDE ET DU METALAXYL OU DU BENALAXYL**
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **BALL VALVE SEAL ASSEMBLY AND BALL VALVE COMPRISING SAME**
[54] **ENSEMBLE JOINT DE VANNE A OBTURATEUR SPHERIQUE ET VANNE A OBTURATEUR SPHERIQUE COMPORTANT CET ENSEMBLE**
[72] DALLUGE, PAUL R., US
[72] DAVIES, LONNIE O., JR., US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **FLOATING BALL VALVE SEAL WITH BELLOWS AND C-SEAL**
[54] **JOINT FLOTTANT POUR VANNE A OBTURATEUR SPHERIQUE, AVEC SOUFFLET ET JOINT EN C**
[72] DALLUGE, PAUL R., US
[72] DAVIES, LONNIE O., JR., US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **CHARRUE SEMI-PORTEE REVERSIBLE AVEC AMPLIFICATEUR ROTATIF**
[72] MEURS, WILHELM, DE
[73] LEMKEN GMBH & CO. KG, DE
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[54] **FOLDABLE HINGE ASSEMBLY**
[54] **ENSEMBLE D'ARTICULATION PLIABLE**
[72] VOGLER, MICHAEL R., US
[72] UFFNER, MICHAEL, US
[73] SUNCAST TECHNOLOGIES, LLC, US
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[54] **A PACK FOR SMOKING ARTICLES**
[54] **PAQUET POUR ARTICLES A FUMER**
[72] HOLFORD, STEVEN, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **PROGRESSIVE CHARTING**
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[72] MALTBY, DAVID RAYMOND, US
[72] DOLISY, JOEL, US
[73] SOLARWINDS WORLDWIDE, LLC, US
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[54] **INDUCTION MACHINE BEARING SYSTEM**
[54] **SYSTEME DE SUPPORT DE MACHINE A INDUCTION**
[72] SINGHAL, SUMIT, US
[72] STENGEL, T. J., US
[73] SIEMENS INDUSTRY, INC., US
[85] 2012-11-19
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[54] **COMPOSITE ANISOTROPIC TISSUE REINFORCING IMPLANTS HAVING ALIGNMENT MARKERS AND METHODS OF MANUFACTURING SAME**
[54] **IMPLANTS COMPOSITES DE RENFORT DE TISSU ANISOTROPIQUE COMPORTANT DES MARQUEURS D'ALIGNEMENT, ET PROCEDES DE FABRICATION ASSOCIES**
[72] PFEIFFER, RUTH, DE
[72] PRIEWE, JORG, DE
[72] SCHULDT-HEMPE, BARBARA, DE
[72] WALTHER, CHRISTOPH, DE
[73] ETHICON, INC., US
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[54] **SYSTEME D'IMPLANT ORTHOPEDIQUE ET ATTACHES ASSOCIEES**
[72] DEES, ROGER RYAN, JR., US
[72] CRABTREE, PAUL CHARLES, JR., US
[73] SMITH & NEPHEW, INC., US
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[72] HARRIS, NICK, GB
[72] KISTLE, PAUL JAMES, GB
[72] SMIRTHWAITE, PAUL, GB
[73] BIOMET UK HEALTHCARE LIMITED, GB
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[54] **PROCEDES DE LUBRIFICATION POUR L'AMELIORATION DE LA FORGEABILITE**
[72] OPPENHEIMER, SCOTT, US
[72] FORBES JONES, ROBIN M., US
[72] MANTIONE, JOHN, US
[72] MINISANDRAM, RAMESH, US
[72] THOMAS, JEAN-PHILIPPE, US
[73] ATI PROPERTIES LLC, US
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[54] **COMPOSES PHARMACEUTIQUEMENT ACTIFS LIES A LA FONCTIONNALITE DI-(T-BUTYLOXY)PROPYL**
[72] ZIV, ILAN, IL
[72] GRIMBERG, HAGIT, IL
[73] APOSENSE LTD., IL
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[54] **USINE DE DESSALEMENT DE L'EAU DE MER ET PRODUCTION D'UN SEL DE HAUTE PURETE**
[72] MOR, LUCA, IT
[72] ELYANOW, IRVING, US
[72] RADICE, GIOVANNI, IT
[72] CHIAPPA, GIUSEPPE, IT
[72] VORA, NISHITH, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **METHOD AND DEVICE FOR OPERATING A DRIVEN AXLE IN A MACHINE TOOL**
[54] **METHODE ET DISPOSITIF D'UTILISATION D'ESSIEU MOTEUR DANS UN OUTIL MACHINE**
[72] NOTZ, MARKUS, CH
[73] NETSTAL-MASCHINEN AG, CH
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[54] **EQUIPEMENT POUR LE SOUS-ECHANTILLONNAGE DE MACRO-INVERTEBRES AQUATIQUES**
[72] BAPTISTA, DARCILIO FERNANDES, BR
[72] MUGNAI, RICCARDO, BR
[72] DE OLIVEIRA, RENATA BLEY, BR
[73] FUNDACAO OSWALDO CRUZ, BR
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[54] **SYSTEM AND METHOD FOR MEASURING THE MECHANICAL IMPEDANCE OF THE RESPIRATORY SYSTEM**
[54] **SYSTEME ET PROCEDE POUR MESURER L'IMPEDANCE MECANIQUE DU SYSTEME RESPIRATOIRE**
[72] POMPILIO, PASQUALE PIO, IT
[72] GOBBI, ALESSANDRO, IT
[72] DELLACA', RAFFAELE, IT
[72] PEDOTTI, ANTONIO, IT
[73] RESTECH S.R.L., IT
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[54] **CAPTURE ET LIQUEFACTION DU DIOXYDE DE CARBONE**
[72] KELLER, ARNOLD, US
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[54] **SYSTEM AND METHOD FOR DRIVING LIGHT EMITTING DIODES**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE DIODES ELECTROLUMINESCENTES**
[72] MAO, SAIJUN, US
[72] LIU, YUNFENG, US
[72] YUAN, XIAOMING, CN
[72] ZHANG, YINGQI, US
[72] BECKER, CHARLES ADRIAN, US
[72] FEI, JUNHUI, US
[72] WANG, JIAN, CN
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME DE FIXATION DE RAIL**
[72] BUDA, ROLAND, DE
[73] SCHWIHAG AG, CH
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR DISRUPTING BIOFILM UTILIZING CHITOSAN-DERIVATIVE COMPOUNDS**
[54] **PROCEDES ET COMPOSITIONS POUR DETRUIRE UN BIOFILM AU MOYEN DE COMPOSES DERIVES DE CHITOSANE**
[72] BAKER, SHENDA, US
[72] WIESMANN, WILLIAM P., US
[72] TOWNSEND, STACY, US
[73] SYNEDGEN INC., US
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[54] **FIRE RESISTANT WOVEN FABRICS AND GARMENTS**
[54] **TISSU TISSE ET VETEMENTS RESISTANT AU FEU**
[72] HINES, ROBERT WINFRED, US
[72] BAILEY, JAMES JONATHAN, US
[72] CONE, LESLIE GENE, US
[73] DRIFIRE, LLC, US
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[54] **PROCEDE POUR LA FIXATION DE FEUILLES DE MANUTENTION POUR L'EMBALLAGE DE BALLE DE CELLULOSE ET ELEMENT DE FIXATION**
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[54] **DISPOSITIF D'ESSAI DE GENOU ROBOTIQUE, DISPOSITIF D'ENTREE DE PATIENT SUBJECTIF ET PROCEDES POUR UTILISER CEUX-CI**
[72] BRANCH, THOMAS P., US
[72] CUNNINGHAM, THOMAS, US
[72] DITTMAR, EDWARD, US
[72] JACOBS, CALE, US
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[54] **FLUIDE DIELECTRIQUE THERMIQUEMENT STABLE**
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[72] SCHMIDT, DALE C., US
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[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **APPAREIL DE TERMINAL MOBILE ET PROCEDE DE COMMUNICATION SANS FIL**
[72] KISHIYAMA, YOSHIHISA, JP
[72] TAKEDA, KAZUAKI, JP
[73] NTT DOCOMO, INC., JP
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[54] **METHOD FOR OPTIMIZING THE CONTROL OF A FREE TURBINE POWER PACKAGE FOR AN AIRCRAFT, AND CONTROL FOR IMPLEMENTING SAME**
[54] **PROCEDE D'OPTIMISATION DE REGULATION D'UN GROUPE DE PUISSANCE A TURBINE LIBRE POUR AERONEF ET COMMANDE DE REGULATION DE MISE EN OEUVRE**
[72] HAILLOT, JEAN-MICHEL, FR
[73] TURBOMECA, FR
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[25] EN
[54] **CLEAR LIQUID COMPOSITION COMPRISING ALKANOYL GLYCINATE, AMPHOTERIC, ALKYL SULFATE AND SPECIFIC ACRYLATE POLYMERS**
[54] **COMPOSITION DE LIQUIDE LIMPIDE CONTENANT DES POLYMERES DE GLYCINATE D'ALCANOYLE, DES POLYMERE AMPHOTERES, DE SULFATE D'ALKYLE ET D'ACRYLATE SPECIFIQUE**
[72] PATEL, RAJESH, US
[72] VASUDEVAN, TIRUCHERAI VARAHAN, US
[73] UNILEVER PLC, GB
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[54] **METHOD FOR OPTIMIZING THE OVERALL ENERGY EFFICIENCY OF AN AIRCRAFT, AND MAIN POWER PACKAGE FOR IMPLEMENTING SAME**
[54] **PROCEDE D'OPTIMISATION DU RENDEMENT ENERGETIQUE GLOBAL D'UN AERONEF ET GROUPE DE PUISSANCE PRINCIPAL DE MISE EN OEUVRE**
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[54] **SLIM LINE WHILE IN USE COVER AND METHODS FOR MAKING AND USING THE SAME**
[54] **COUVERCLE A PROFIL MINCE A CHARNIERE ET METHODE DE FABRICATION ET D'UTILISATION**
[72] SATHYANARAYANA, ASHOK ALILUGHATTA, IN
[72] SAHU, LOKESH KUMAR, IN
[72] GIREESHRAO, CHANDRAKANTHRAO, US
[72] PATIL, VISHAL KRISHNARAO, IN
[73] SIGMA ELECTRIC MANUFACTURING CORPORATION, US
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[54] **CIRCUIT IMPRIME COMPORTANT AU MOINS UN COMPOSANT CERAMIQUE**
[72] LHOMMEAU, TONY, FR
[73] LABINAL POWER SYSTEMS, FR
[85] 2013-02-21
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[54] **PHOTOINITIATEURS POLYMERISABLES POUR COMPOSITIONS DURCISSABLES PAR LED**
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[73] AGFA NV, BE
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[73] AGFA NV, BE
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[54] **DATA INDEPENDENT ACQUISITION OF PRODUCT ION SPECTRA AND REFERENCE SPECTRA LIBRARY MATCHING**
[54] **ACQUISITION INDEPENDANTE DES DONNEES DE SPECTRE D'ION DE PRODUIT ET CONCORDANCE DE BIBLIOTHEQUE DE SPECTRES DE REFERENCE**
[72] BONNER, RONALD, CA
[72] TATE, STEPHEN A., CA
[72] AEBERSOLD, RUDOLF, CH
[72] NAVARRO ALVAREZ, PEDRO JOSE, CH
[72] RINNER, OLIVER, CH
[72] REITER, LUKAS, CH
[72] GILLET, LUDOVIC, CH
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[73] ETH ZURICH, CH
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[54] **A PARENTERAL PHARMACEUTICAL COMPOSITION COMPRISING (3S,11AR)- N-[(2,4-DIFLUOROPHENYL)METHYL]-2,3,5,7,11,11A-HEXAHYDRO-6-HYDROXY-3-METHYL-5,7-DIOXO-OXAZOLO[3,2-A)PYRIDO[1,2-D]PYRAZINE-8-CARBOXAMIDE AND A SURFACTANT SYSTEM COMPRISING A POLYSORBATE AND POLYETHYLENE GLYCOL; AND USE OF THE COMPOSITION IN THE TREATMENT OR PREVENTION OF HIV INFECTIONS**
[54] **UNE COMPOSITION PHARMACEUTIQUE PARENTERALE RENFERMANT DU (3S,11AR)- N-[(2,4-DIFLUOROPHENYL)METHYLE]-2,3,5,7,11,11A-HEXAHYDRO-6-3-METHYLE-5,7-DIOXO-OXAZOLO[3,2-A)PYRIDO[1,2-D]PYRAZINE-8-CARBOXAMIDE ET UN SYSTEME DE SURFACTANT COMPORTANT UN POLYSORBATE ET UN GLYCOL POLYETHYLENIQUE ET UTILISATION DE LA COMPOSITION POUR LE TRAITEMENT OU LA PREVENTION ...**
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[72] PAN, RENNAN, US
[73] VIIV HEALTHCARE COMPANY, US
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[54] **FORMES PHARMACEUTIQUES DE TYPE MACROLIDES**
[72] MCCLAIN, JAMES B., US
[72] CARLYLE, WENDA C., US
[72] TAYLOR, CHARLES DOUGLAS, US
[73] MICELL TECHNOLOGIES, INC., US
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[54] **PROCEDE DE FUSION DIRECTE**
[72] DRY, RODNEY JAMES, AU
[72] PILOTE, JACQUES, AU
[73] TATA STEEL LIMITED, IN
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[54] **DRIVER PROFILING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PROFILAGE DE CONDUCTEUR**
[72] JELBERT, RICHARD, GB
[72] HEAVYSIDE, GAVIN, GB
[73] MYDRIVE SOLUTIONS LIMITED, GB
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[54] **TOPICAL BASE AND ACTIVE AGENT-CONTAINING COMPOSITIONS, AND METHODS FOR IMPROVING AND TREATING SKIN**
[54] **BASE TOPIQUE ET COMPOSITIONS CONTENANT UN PRINCIPE ACTIF, ET PROCEDES D'AMELIORATION ET DE TRAITEMENT DE LA PEAU**
[72] SCHLESSINGER, DANIEL ISAAC, US
[72] SCHLESSINGER, JOEL, US
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[54] **METHOD FOR THE PRODUCTION OF A FIBROUS METAL STRUCTURE BY WEAVING**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE FIBREUSE METALLIQUE PAR TISSAGE**
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[72] DAMBRINE, BRUNO, FR
[72] PERROUX, ALAIN, FR
[73] SNECMA, FR
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[54] **COMPOSITION LUBRIFIANTE CONTENANT LE SEL D'AMINE HYDROXYLEE MULTIFONCTIONNELLE D'UN ACIDE PHENOLIQUE ENCOMBRE**
[72] SUEN, YAT FAN, US
[72] WARD, JOHN, US
[72] MILLER, TREVOR, US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **DECOUPLER ASSEMBLY HAVING LIMITED OVERRUNNING CAPABILITY**
[54] **ENSEMBLE DECOUPLEUR A FONCTION ROUE LIBRE LIMITEE**
[72] MARION, PATRICK, CA
[73] LITENS AUTOMOTIVE PARTNERSHIP, CA
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[54] **MANCHE AUXILIAIRE D'OUTIL ELECTRIQUE**
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[73] SNAP-ON INCORPORATED, US
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[54] **EMBRAYAGE A CANNELURE FACIALE**
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[54] **INCUBATEUR UTILISE EN NEONATALOGIE POUR LES SOINS INTENSIFS AUX NOUVEAU-NES**
[72] BINK, JEROEN, NL
[72] VAN DIJK, OSKAR, NL
[72] WILLEMSEN, HELEEN, NL
[72] VAN DEN HOUT, JEROEN, NL
[73] NINGBO DAVID MEDICAL DEVICE CO., LTD., CN
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[54] **ENCODING AND DECODING A MULTIMEDIA SIGNAL USING SYNTAX TO GENERATE A DYNAMICALLY CONFIGURED DECODER**
[54] **CODAGE ET DECODAGE D'UN SIGNAL MULTIMEDIA AU MOYEN D'UNE SYNTAXE VISANT A GENERER UN DECODEUR CONFIGURE DYNAMIQUEMENT**
[72] RICHARDSON, IAIN E., GB
[72] BYSTROM, MAJA, GB
[73] BEVARA TECHNOLOGIES LLC, US
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[54] **RELATED-WORD REGISTRATION AND INFORMATION PROCESSING DEVICE, METHOD, RECORDING MEDIUM AND SYSTEM**
[54] **APPAREIL D'ENREGISTREMENT ASSOCIE AUX MOTS ET DE TRAITEMENT D'INFORMATION, METHODE, SUPPORT D'ENREGISTREMENT ET SYSTEME**
[72] HIRATE, YU, JP
[73] RAKUTEN, INC., JP
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[54] **APPAREIL D'IRRIGATION/ASPIRATION COAXIAL ET BIMANUEL COMBINE**
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[73] ALCON RESEARCH, LTD., US
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[54] **CABLES A FIBRES OPTIQUES DOTES DE CARACTERISTIQUES PERMETTANT L'ACCES**
[72] GIMBLET, MICHAEL J., US
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[73] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **AIDE A LA NAVIGATION PARMI DES PANORAMAS GEOLOCALISES**
[72] BARCAY, DANIEL, US
[72] VARADHAN, GOKUL, US
[73] GOOGLE LLC, US
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[54] **SYSTEME D'INTEGRATION DE PLATEFORME MULTIMEDIA**
[72] CAMPANOTTI, BRIAN, CA
[72] KNAISCH, MICHAEL, US
[73] ORACLE INTERNATIONAL CORPORATION, US
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[54] **METHOD AND SYSTEM COMPRISING MEANS TO TRANSMIT AN IMAGE OF A MESSAGE**
[54] **METHODE ET SYSTEME COMPORTANT DES MECANISMES DE TRANSMISSION D'UNE IMAGE D'UN MESSAGE**
[72] BLADES, DIAN, CA
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[54] **PROCEDE ET SYSTEME D'ACQUISITION SISMIQUE**
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[72] ABMA, RAYMOND LEE, US
[73] BP CORPORATION NORTH AMERICA INC., US
[85] 2013-06-07
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[30] US (61/503,407) 2011-06-30

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[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONSOLIDATING ACCOUNT DATA**
[54] **SYSTEME ET PROCEDE DE REGROUPEMENT DE DONNEES DE COMPTE**
[72] NAGEL, CHARLES BRENTON, US
[72] GRAY, STEVEN C., US
[73] QVINCI SOFTWARE, LLC, US
[85] 2013-06-10
[86] 2011-11-11 (PCT/US2011/060350)
[87] (WO2012/091811)
[30] US (12/944,702) 2010-11-11

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[13] C
[51] **Int.Cl. A47F 1/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR FACING PRODUCTS**
[54] **APPAREIL POUR PRESENTATION DE PRODUITS**
[72] DAW, CONWAY, GB
[73] BIG SKIES LIMITED, GB
[85] 2013-06-14
[86] 2011-12-19 (PCT/GB2011/052511)
[87] (WO2012/090003)
[30] GB (1022038.2) 2010-12-29

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[51] **Int.Cl. A61C 17/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TEETH CLEANING**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE DE DENTS**
[72] MOLL, FREDERIC H., US
[73] MOLL, FREDERIC H., US
[85] 2013-06-18
[86] 2011-12-20 (PCT/US2011/066315)
[87] (WO2012/088193)
[30] US (61/424,873) 2010-12-20
[30] US (61/522,832) 2011-08-12

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[51] **Int.Cl. G01N 1/02 (2006.01) G01N 1/10 (2006.01)**
[25] EN
[54] **FLUID SAMPLING SYSTEM**
[54] **SYSTEME D'ECHANTILLONNAGE DE FLUIDE**
[72] LOPEZ, JOSE, CA
[72] LEPITRE, MICHEL, CA
[73] FIDUCIE AETERNUM, CA
[73] LOPEZ, JOSE, CA
[73] LEPITRE, MICHEL, CA
[85] 2013-07-10
[86] 2011-01-11 (PCT/CA2011/000029)
[87] (WO2011/085475)
[30] US (61/294,134) 2010-01-12

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[25] EN
[54] **POLYLACTIC ACID RESIN FILM**
[54] **FILM EN RESINE D'ACIDE POLYLACTIQUE**
[72] YOO, YOUNG-MAN, KR
[72] CHUNG, JAE-IL, KR
[72] LEE, TAE-WOONG, KR
[72] LEE, KYE-YUNE, KR
[73] SK CHEMICALS CO., LTD., KR
[85] 2013-07-16
[86] 2011-11-02 (PCT/KR2011/008308)
[87] (WO2012/102463)
[30] KR (10-2011-0007365) 2011-01-25
[30] KR (10-2011-0007366) 2011-01-25
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[51] **Int.Cl. A47C 27/10 (2006.01) A47C 27/08 (2006.01) A47G 9/08 (2006.01) F16L 59/06 (2006.01) F16L 59/08 (2006.01)**
[25] EN
[54] **INFLATABLE BODIES HAVING IMPROVED RESISTANCE TO THERMAL RADIATION TRANSMISSION**
[54] **CORPS GONFLABLES PRESENTANT UNE RESISTANCE AMELIOREE A LA TRANSMISSION DU RAYONNEMENT THERMIQUE**
[72] MARSON, JAMES, US
[72] JACOT, DOUGLAS, US
[73] CASCADE DESIGNS, INC., US
[85] 2013-07-19
[86] 2012-01-20 (PCT/US2012/022131)
[87] (WO2012/100236)
[30] US (61/461,808) 2011-01-20

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[51] **Int.Cl. H04L 12/727 (2013.01) H04L 12/861 (2013.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE QUALITY OF DATA TRANSMISSION IN A PACKET-BASED COMMUNICATION NETWORK**
[54] **PROCEDE D'AUGMENTATION DE LA QUALITE DE LA TRANSMISSION DE DONNEES DANS UN RESEAU DE COMMUNICATION A BASE DE PAQUETS**
[72] RIEDL, JOHANNES, DE
[72] SCHEFFEL, MATTHIAS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2013-07-26
[86] 2012-01-20 (PCT/EP2012/050873)
[87] (WO2012/101054)
[30] DE (10 2011 003 321.1) 2011-01-28

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[13] C
[51] **Int.Cl. G06Q 50/02 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COLLECTING AND ANALYZING OPERATIONAL INFORMATION FROM A NETWORK OF COMPONENTS ASSOCIATED WITH A LIQUID ENERGY COMMODITY**
[54] **PROCEDE ET SYSTEME POUR COLLECTER ET ANALYSER DES DONNEES OPERATIONNELLES EN PROVENANCE D'UN RESEAU DE COMPOSANTS ASSOCIE A UNE MATIERE PREMIERE COMPRENANT DE L'ENERGIE LIQUIDE**
[72] ALPHENAAR, DEIRDRE, US
[72] JONES, WALTER F., US
[72] ZEIN, ABUDI, US
[73] GENSCAPE INTANGIBLE HOLDING, INC., US
[85] 2013-08-13
[86] 2012-02-16 (PCT/US2012/025418)
[87] (WO2012/112759)
[30] US (61/443,510) 2011-02-16

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[51] **Int.Cl. G01V 1/28 (2006.01) G01S 15/88 (2006.01) G01V 1/16 (2006.01)**
[25] EN
[54] **SEISMIC SENSING DEVICE**
[54] **DISPOSITIF DE DETECTION SISMIQUE**
[72] SWIER, KEVIN E., US
[72] CHAMPION, DAVID A., US
[72] OTIS, JR., DAVID R., US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-08-28
[86] 2011-02-28 (PCT/US2011/026498)
[87] (WO2012/118477)

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[13] C
[51] **Int.Cl. G06F 11/00 (2006.01) G06F 5/00 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VALIDATION AND CONVERSION OF ELECTRONIC DATA**
[54] **SYSTEME ET PROCEDE POUR VALIDATION ET CONVERSION DE DONNEES ELECTRONIQUES**
[72] MOHANTY, SUBHASISH, IN
[72] NAYAK, SIBEN, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[86] (2829985)
[87] (2829985)
[22] 2013-10-16
[30] IN (256/MUM/2013) 2013-01-29

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[13] C
[51] **Int.Cl. G06F 11/00 (2006.01) G06F 21/57 (2013.01)**
[25] EN
[54] **CHANGE-TOLERANT METHOD FOR GENERATING IDENTIFIER FOR COLLECTION OF ASSETS IN COMPUTING ENVIRONMENT USING ERROR-CORRECTION CODE SCHEME**
[54] **PROCEDE TOLERANT AUX CHANGEMENTS DE GENERATION D'IDENTIFIANTS POUR UN ENSEMBLE D'ACTIFS DANS UN ENVIRONNEMENT INFORMATIQUE AU MOYEN D'UN SCHEMA DE CODE DE CORRECTION D'ERREURS**
[72] ZHANG, FAN, CN
[72] WAJS, ANDREW, NL
[73] IRDETO B.V., NL
[85] 2013-09-13
[86] 2011-03-15 (PCT/CN2011/000417)
[87] (WO2012/122674)

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[13] C
[51] **Int.Cl. H04N 17/00 (2006.01) H04N 21/442 (2011.01) H04N 21/658 (2011.01)**
[25] EN
[54] **MULTIMEDIA TEST SYSTEMS**
[54] **SYSTEMES DE TEST MULTIMEDIA**
[72] KOSCIEWICZ, PAWEL, IE
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2013-09-17
[86] 2011-04-07 (PCT/EP2011/055428)
[87] (WO2012/136260)

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[13] C
[51] **Int.Cl. C07C 273/04 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **ZERO EMISSION UREA PROCESS AND PLANT**
[54] **PROCEDE ET INSTALLATION DE PRODUCTION D'UREE A ZERO EMISSION**
[72] MENNEN, JOHANNES HENRICUS, NL
[72] CUCCHIELLA, BARBARA, IT
[73] STAMICARBON B.V., NL
[85] 2013-09-18
[86] 2012-03-30 (PCT/NL2012/050207)
[87] (WO2012/134288)
[30] EP (11160716.4) 2011-03-31

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[13] C
[51] **Int.Cl. H02S 20/30 (2014.01) H02S 20/23 (2014.01)**
[25] EN
[54] **SUPPORT RACKING FOR SOLAR PANEL**
[54] **SUPPORT POUR PANNEAU SOLAIRE**
[72] NAYAR, MANISH, CA
[73] POLAR RACKING INC., CA
[86] (2830914)
[87] (2830914)
[22] 2013-10-18
[30] CA (2,829,919) 2013-10-11

[11] **2,830,997**
[13] C
[51] **Int.Cl. A61B 5/1455 (2006.01)**
[25] EN
[54] **ANALYTICAL AID**
[54] **OUTIL D'ANALYSE**
[72] LIST, HANS, DE
[72] SCHERER, KARL-HEINZ, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-09-23
[86] 2012-04-11 (PCT/EP2012/056493)
[87] (WO2012/140027)
[30] EP (11162068.8) 2011-04-12

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[13] C
[51] **Int.Cl. G06Q 50/18 (2012.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, SERVER AND COMPUTER-READABLE MEDIUM FOR REAL-TIME VERIFICATION OF A STATUS OF A MEMBER OF AN ORGANIZATION**
[54] **SYSTEME, PROCEDE, SERVEUR ET SUPPORT LISIBLE PAR ORDINATEUR POUR UNE VERIFICATION EN TEMPS REEL D'UN STATUT D'UN MEMBRE D'UNE ORGANISATION**
[72] MEUNIER, SEBASTIEN, CA
[72] BELISLE, PIERRE, CA
[72] DARTIGUES, GUY, CA
[73] CLAWD TECHNOLOGIES INC., CA
[85] 2013-09-27
[86] 2012-03-30 (PCT/CA2012/000290)
[87] (WO2012/129664)
[30] US (61/470,537) 2011-04-01

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[13] C
[51] **Int.Cl. E05F 3/20 (2006.01) E05F 1/12 (2006.01)**
[25] EN
[54] **HINGE DEVICE FOR DOORS, SHUTTERS OR THE LIKE**
[54] **DISPOSITIF DE CHARNIERE POUR PORTES, VOLETS, ETC.**
[72] BACCHETTI, LUCIANO, IT
[73] IN & TEC S.R.L., IT
[85] 2013-09-27
[86] 2012-04-05 (PCT/IB2012/051707)
[87] (WO2012/143812)
[30] IT (VI2011A000081) 2011-04-05
[30] IB (PCT/IB2011/051688) 2011-04-19

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[11] **2,835,253**
[13] C
[51] **Int.Cl. A01H 4/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE GENERATION OF A MONOCLONAL PLANT CELL LINE**
[54] **PROCEDE PERMETTANT DE GENERER UNE LIGNEE CELLULAIRE DE PLANTE MONOCLONALE**
[72] KIRCHHOFF, JANINA, DE
[72] SCHILLBERG, STEFAN, DE
[72] SCHIERMEYER, ANDREAS, DE
[72] SCHINKEL, HELGA, DE
[72] FISCHER, RAINER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2013-11-06
[86] 2011-06-07 (PCT/EP2011/002785)
[87] (WO2012/167803)

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[13] C
[51] **Int.Cl. H02G 15/06 (2006.01) H02G 15/064 (2006.01)**
[25] EN
[54] **TERMINATION FOR ELECTRICAL CABLES AND METHOD FOR MANUFACTURING SUCH A TERMINATION**
[54] **RACCORDEMENT DESTINE A DES CABLES ELECTRIQUES ET PROCEDE DE FABRICATION DUDIT RACCORDEMENT**
[72] QUAGGIA, DARIO, IT
[73] PRYSMIAN S.P.A., IT
[85] 2013-11-12
[86] 2011-05-19 (PCT/EP2011/002504)
[87] (WO2012/155934)

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[11] **2,836,699**
[13] C
[51] **Int.Cl. E21B 1/22 (2006.01) B06B 1/00 (2006.01) B06B 1/04 (2006.01) E21B 7/00 (2006.01) E21B 7/24 (2006.01)**
[25] EN
[54] **DOWNHOLE SINUSOIDAL VIBRATIONAL APPARATUS**
[54] **APPAREIL A VIBRATION SINUSOIDALE DE FOND DE TROU**
[72] SCHICKER, OWEN, NZ
[72] HAND, ENDA, NZ
[73] FLEXIDRILL LIMITED, NZ
[85] 2013-11-19
[86] 2012-05-23 (PCT/NZ2012/000073)
[87] (WO2012/161595)
[30] US (61/489,409) 2011-05-24

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[13] C
[51] **Int.Cl. F16J 15/16 (2006.01) F16J 9/00 (2006.01) F16J 9/14 (2006.01)**
[25] EN
[54] **PISTON ROD AND CYLINDER SEAL DEVICE FOR ALUMINUM BATH CRUST BREAKER**
[54] **DISPOSITIF D'ETANCHEITE DE TIGE DE PISTON ET DE VERIN POUR MARTEAU-PIQUEUR DE BAIN D'ALUMINIUM**
[72] BEAULIEU, GILLES, CA
[72] WILLIAMS, KEVIN C., US
[73] MAC VALVES, INC., US
[85] 2013-11-28
[86] 2012-06-12 (PCT/US2012/042035)
[87] (WO2012/173981)
[30] US (13/159,061) 2011-06-13
[30] US (13/439,144) 2012-04-04

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[13] C
[51] **Int.Cl. C07C 273/16 (2006.01) B01J 2/22 (2006.01) C07C 273/02 (2006.01)**
[25] EN
[54] **UREA FINISHING METHOD**
[54] **PROCEDE DE FINITION D'UREE**
[72] MENNEN, JOHANNES HENRICUS, NL
[73] STAMICARBON B.V., NL
[85] 2013-12-17
[86] 2012-10-12 (PCT/NL2012/050715)
[87] (WO2013/055219)
[30] EP (11185307.3) 2011-10-14

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[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) H02J 15/00 (2006.01)**
[25] FR
[54] **RAPID MULTI-LEVEL RECHARGE SYSTEM**
[54] **SYSTEME DE RECHARGE RAPIDE MULTI-NIVEAUX**
[72] BEAUREGARD, FRANCOIS, CA
[73] HYDRO-QUEBEC, CA
[85] 2013-12-23
[86] 2012-07-12 (PCT/CA2012/050479)
[87] (WO2013/010270)
[30] CA (2746304) 2011-07-15
[30] CA (2747880) 2011-07-29

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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 3/048 (2013.01) G11B 27/00 (2006.01) H04N 7/00 (2011.01)**
[25] EN
[54] **USER INTERFACE FOR CREATING A PLAYLIST**
[54] **INTERFACE UTILISATEUR POUR CREER UNE LISTE DE DIFFUSION**
[72] JADHAV, SHUBHANGI MAHADEO, NL
[72] DAHULE, RAHUL KASHINATHRAO, NL
[73] JADHAV, SHUBHANGI MAHADEO, NL
[85] 2013-12-30
[86] 2012-07-04 (PCT/EP2012/063029)
[87] (WO2013/004741)
[30] EP (PCT/EP2011/061252) 2011-07-04

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[13] C
[51] **Int.Cl. B32B 1/08 (2006.01) C03B 25/00 (2006.01) C03C 4/00 (2006.01) C03C 4/02 (2006.01) C03C 4/08 (2006.01) C03C 6/00 (2006.01)**
[25] EN
[54] **GLASS CONTAINER COMPOSITION**
[54] **COMPOSITION POUR RECIPIENT EN VERRE**
[72] BARTON, STEPHEN D., US
[72] CLICK, CAROL A., US
[72] HOWSE, TERENCE K.G., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2014-01-08
[86] 2012-06-08 (PCT/US2012/041596)
[87] (WO2013/009417)
[30] US (13/179,161) 2011-07-08

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[13] C
[51] **Int.Cl. B01D 61/00 (2006.01) B01D 35/06 (2006.01) C02F 1/44 (2006.01) C02F 1/78 (2006.01)**
[25] EN
[54] **SEMIPERMEABLE FILTRATION MEMBRANE WITH INTEGRATED OZONE PRODUCING CIRCUIT**
[54] **MEMBRANE DE FILTRATION SEMI-PERMEABLE A CIRCUIT DE PRODUCTION D'OZONE INTEGRE**
[72] SALAMA, AMIR, CA
[72] SALAMA, MARIANNE, CA
[73] OZOMAX INC., CA
[85] 2014-02-04
[86] 2012-08-03 (PCT/CA2012/050528)
[87] (WO2013/023289)
[30] US (61/522,801) 2011-08-12

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[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01) H04W 4/24 (2018.01) G06Q 20/10 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR A MOBILE CASHIER**
[54] **SYSTEME ET PROCEDE POUR CAISSIER MOBILE**
[72] DECRISTOFORO, DEAN A., US
[73] GLOBAL PAYMENTS INC., US
[86] (2847077)
[87] (2847077)
[22] 2014-03-19
[30] US (61/804,574) 2013-03-22

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[13] C
[51] **Int.Cl. F16D 3/06 (2006.01) F16C 3/03 (2006.01) F16D 3/202 (2006.01)**
[25] EN
[54] **DOUBLE SIDED DOUBLE TELESCOPING DRIVE COUPLING**
[54] **RACCORDEMENT D'ENTRAINEMENT TELESCOPIQUE DOUBLE A DOUBLE FACE**
[72] HARNETIAUX, TRAVIS LESTER, US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2848688)
[87] (2848688)
[22] 2014-04-09
[30] US (13/927,589) 2013-06-26

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[13] C
[51] **Int.Cl. C12P 7/06 (2006.01) C12P 7/10 (2006.01)**
[25] EN
[54] **METHOD FOR THE SIMULTANEOUS PRODUCTION OF ETHANOL AND A FERMENTED, SOLID PRODUCT**
[54] **PROCEDE POUR LA PRODUCTION SIMULTANEE D'ETHANOL ET D'UN PRODUIT SOLIDE FERMENTE**
[72] HANSEN, OLE KAAE, DK
[72] ELLEGARD, KATRINE HVID, DK
[72] THOMSEN, KARL KRISTIAN, DK
[73] HAMLET PROTEIN A/S, DK
[85] 2014-03-20
[86] 2012-10-04 (PCT/EP2012/069601)
[87] (WO2013/050456)
[30] US (61/543,907) 2011-10-06
[30] EP (11184135.9) 2011-10-06
[30] US (61/638,777) 2012-04-26

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[13] C
[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/071 (2010.01) C12M 1/12 (2006.01) C12M 1/40 (2006.01) C12M 3/06 (2006.01) C12N 1/00 (2006.01) C12N 1/36 (2006.01)**
[25] EN
[54] **AUTOMATED TISSUE ENGINEERING SYSTEM COMPRISING SENSORS LINKED TO A MICROPROCESSOR**
[54] **SYSTEME AUTOMATISE DE GENIE TISSULAIRE COMPORTANT DES CAPTEURS RELIES A UN MICROPROCESSEUR**
[72] SMITH, TIMOTHY J.N., CA
[72] PUGH, SYDNEY M., CA
[72] PECARIC, MARTIN R., CA
[72] HAGG, RUPERT, CH
[72] TOMMASINI, ROBERTO, CH
[72] LARCHER, YVES, CA
[72] MISENER, D. LOWELL, CA
[73] OCTANE BIOTECH INC., CA
[86] (2853267)
[87] (2853267)
[22] 2003-04-08
[62] 2,485,350
[30] US (60/370209) 2002-04-08

[11] **2,856,419**
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/52 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS FOR EVALUATING ALZHEIMER'S DISEASE AND DISEASE SEVERITY**
[54] **PROCEDE D'EVALUATION DE LA MALADIE D'ALZHEIMER ET DE SA GRAVITE**
[72] MAI, SABINE, CA
[72] GARCIA, ANGELES, CA
[73] 3D SIGNATURES HOLDINGS INC., CA
[86] (2856419)
[87] (2856419)
[22] 2014-07-08
[30] US (61/880,274) 2013-09-20

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[11] **2,857,316**
[13] C
[51] **Int.Cl. A63F 13/70 (2014.01) A63F 13/30 (2014.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR A GAME WITH BLOCKADING GAME SYMBOLS**
[54] **APPAREIL ET METHODE DE JEU COMPORTANT DES SYMBOLES DE JEU BLOQUANTS**
[72] KENESSEY, NICOLAS, DE
[72] SCHATTAUER, JURGEN, DE
[73] NOVOMATIC AG, AT
[86] (2857316)
[87] (2857316)
[22] 2014-07-21
[30] US (61/856,782) 2013-07-22

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[11] **2,857,871**
[13] C
[51] **Int.Cl. B60R 3/00 (2006.01)**
[25] EN
[54] **INTEGRALLY MOLDED POLYMER HITCH STEP**
[54] **MARCHE POUR ATTELAGE EN POLYMERE MOULE INTEGRALEMENT**
[72] MASANEK, FREDERICK W. JR., US
[72] MACNEIL, DAVID F., US
[73] MACNEIL IP LLC, US
[86] (2857871)
[87] (2857871)
[22] 2014-07-28
[30] US (13/953,121) 2013-07-29
[30] US (14/070,275) 2013-11-01
[30] US (14/243,982) 2014-04-03

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[13] C
[51] **Int.Cl. G01F 15/07 (2006.01) G01F 15/14 (2006.01)**
[25] EN
[54] **COUNTER MODULE ADAPTOR ASSEMBLY FOR ROTARY GAS METERS**
[54] **DISPOSITIF D'ADAPTATION DE MODULE DE COMPTEUR POUR COMPTEURS DE GAZ ROTATIFS**
[72] WANG, XINMIN, CA
[72] SMICH, ANDREW, CA
[72] JURYS, MAREK, CA
[73] ROMET LIMITED, CA
[86] (2858734)
[87] (2858734)
[22] 2014-08-08

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[11] **2,860,765**
[13] C
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[25] EN
[54] **PYRAZINECARBOXAMIDE COMPOUND**
[54] **COMPOSE PYRAZINE CARBOXAMIDE**
[72] MATSUYA, TAKAHIRO, JP
[72] KONDOH, YUTAKA, JP
[72] SHIMADA, ITSURO, JP
[72] KIKUCHI, SHIGETOSHI, JP
[72] IIDA, MAIKO, JP
[72] ONDA, KENICHI, JP
[72] FUKUDOME, HIROKI, JP
[72] TAKEMOTO, YUKIHIRO, JP
[72] SHINDOU, NOBUAKI, JP
[72] SAKAGAMI, HIDEKI, JP
[72] HAMAGUCHI, HISAO, JP
[73] ASTELLAS PHARMA INC., JP
[85] 2014-07-07
[86] 2013-01-15 (PCT/JP2013/050579)
[87] (WO2013/108754)
[30] JP (2012-007525) 2012-01-17

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[51] **Int.Cl. F27B 13/14 (2006.01) F27D 19/00 (2006.01) F27D 21/04 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING AN ANODE FURNACE AND CONTROL APPARATUS**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN FOUR DE CUISSON D'ANODES ET DISPOSITIF DE COMMANDE**
[72] KRIEG, PETER, DE
[72] SEIFERT, HANS-JORG, DE
[72] HIMMELREICH, ANDREAS, DE
[72] HEINKE, FRANK, DE
[72] MAIWALD, DETLEF, DE
[73] INNOVATHERM PROF. DR. LEISENBERG GMBH + CO. KG, DE
[85] 2014-07-11
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[25] EN
[54] **PRESSURE MAPPING AND ORIENTATION SENSING SYSTEM**
[54] **CARTOGRAPHIE DE LA PRESSION ET SYSTEME DE DETECTION D'ORIENTATION**
[72] THILLAINADARAJAH, KUMARAN, CA
[72] KORMENDY, ARPAD, CA
[72] MACDONALD, ADAM JOSEPH, CA
[73] SMART SKIN TECHNOLOGIES INC., CA
[85] 2014-07-28
[86] 2013-01-31 (PCT/CA2013/050076)
[87] (WO2013/113122)
[30] US (61/592,632) 2012-01-31
[30] US (61/733,453) 2012-12-05

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[13] C
[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/06 (2006.01) A41C 3/10 (2006.01) A41C 3/12 (2006.01) A41C 3/14 (2006.01)**
[25] EN
[54] **BACKLESS AND OPTIONALLY STRAPLESS BRASSIERE HAVING A REINFORCING PLATE**
[54] **SOUTIEN-GORGE SANS DOS ET FACULTATIVEMENT SANS BRETELLES COMPORTANT UNE PLAQUE DE RENFORT**
[72] LUXI, FABIO, FR
[72] CUCKNELL, ALAN, GB
[73] HANES OPERATIONS EUROPE SAS, FR
[85] 2014-08-20
[86] 2013-03-12 (PCT/FR2013/050519)
[87] (WO2013/136010)
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[51] **Int.Cl. A61M 11/06 (2006.01) A61M 15/00 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **MIXING CHANNEL FOR AN INHALATION DEVICE AND INHALATION DEVICE**
[54] **CANAL DE MELANGE POUR INHALATEUR ET INHALATEUR ASSOCIE**
[72] MULLINGER, BERNHARD, DE
[72] HUBER, MARTIN, DE
[72] KOLB, TOBIAS, DE
[72] HARTMANN, MONIKA, DE
[73] VECTURA GMBH, DE
[85] 2014-09-08
[86] 2013-03-08 (PCT/EP2013/054705)
[87] (WO2013/132056)
[30] EP (12158852.9) 2012-03-09
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[51] **Int.Cl. H04L 1/18 (2006.01) H04L 1/00 (2006.01) H04L 1/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING FEEDBACK IN A WIRELESS NETWORK**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE GERER UNE RETROACTION DANS UN RESEAU SANS FIL**
[72] SIOMINA, IANA, SE
[72] KAZMI, MUHAMMAD, SE
[72] LI, SHAOHUA, CN
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-09-16
[86] 2013-03-16 (PCT/IB2013/052117)
[87] (WO2013/136316)
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[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) G06F 21/55 (2013.01) H04L 12/751 (2013.01) H04L 29/08 (2006.01)**
[25] EN
[54] **PATH SCANNING FOR THE DETECTION OF ANOMALOUS SUBGRAPHS AND USE OF DNS REQUESTS AND HOST AGENTS FOR ANOMALY/CHANGE DETECTION AND NETWORK SITUATIONAL AWARENESS**
[54] **EXPLORATION DE CHEMINS PERMETTANT DE DETECTER DES SOUS-GRAPHES ANORMAUX ET UTILISATION DE REQUETES DNS ET D'AGENTS HOTES POUR LA DETECTION D'ORMALIE/CHANGEMENT ET LA RECONNAISSANCE DE LA SITUATION DU RESEAU**
[72] NEIL, JOSHUA CHARLES, US
[72] FISK, MICHAEL EDWARD, US
[72] BRUGH, ALEXANDER WILLIAM, US
[72] HASH, CURTIS LEE, JR., US
[72] STORLIE, CURTIS BYRON, US
[72] UPHOFF, BENJAMIN, US
[72] KENT, ALEXANDER, US
[73] LOS ALAMOS NATIONAL SECURITY, LLC, US
[85] 2014-09-19
[86] 2013-03-14 (PCT/US2013/031402)
[87] (WO2013/184206)
[30] US (61/614,148) 2012-03-22

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[51] **Int.Cl. G08B 19/00 (2006.01) H04W 84/18 (2009.01) G10L 15/00 (2013.01) H04L 12/28 (2006.01) H04R 1/08 (2006.01)**
[25] EN
[54] **AMBIENT CONDITION DETECTOR WITH PROCESSING OF INCOMING AUDIBLE COMMANDS FOLLOWED BY SPEECH RECOGNITION**
[54] **DETECTEUR DE CONDITION AMBIANTE AVEC TRAITEMENT DE COMMANDES AUDIBLES D'ARRIVEE SUIVI DE LA RECONNAISSANCE DE LA PAROLE**
[72] SCHMIDT, MARK H., US
[72] LI, TONY T., US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2868172)
[87] (2868172)
[22] 2014-10-22
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[51] **Int.Cl. C07D 215/52 (2006.01) A61K 31/4725 (2006.01) A61P 33/06 (2006.01)**
[25] EN
[54] **ANTI-MALARIAL AGENTS**
[54] **AGENTS ANTIPALUDEENS**
[72] GILBERT, IAN HUGH, GB
[72] NORCROSS, NEIL, GB
[72] BARAGANA RUIBAL, BEATRIZ, GB
[72] PORZELLE, ACHIM, GB
[73] MERCK PATENT GMBH, DE
[85] 2014-10-08
[86] 2013-03-14 (PCT/GB2013/050633)
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[30] GB (1206280.8) 2012-04-10

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[13] C
[51] **Int.Cl. B29B 7/48 (2006.01) B29C 33/00 (2006.01)**
[25] EN
[54] **A MELT PUMP FOR BUILDING UP PRESSURE BY PRESSING A MELT OF SYNTHETIC MATERIAL THROUGH A TOOL**
[54] **POMPE A MASSE FONDUE POUR CREER UNE PRESSION EN PRESSANT UNE MATIERE SYNTHETIQUE FONDUE A TRAVERS UN OUTIL**
[72] HENKE, MATTHIAS, DE
[73] HENKE PROPERTY UG (HAFTUNGSBESCHRANKT), DE
[86] (2872741)
[87] (2872741)
[22] 2014-12-02
[30] DE (10 2013 021 902.7) 2013-12-26

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[25] EN
[54] **THERMAL CONTAINER**
[54] **RECIPIENT THERMIQUE**
[72] ANELEVITZ, NOLAN, CA
[72] THEOHARIS, SPYROS, CA
[73] THERMOTWIST INC., CA
[86] (2872795)
[87] (2872795)
[22] 2014-12-02
[30] US (14/102,085) 2013-12-10

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[25] EN
[54] **ZEOLITE ZSM-18, ITS SYNTHESIS AND ITS USE**
[54] **ZEOLITHE ZSM-18, SA SYNTHESE ET SON UTILISATION**
[72] BURTON, ALLEN W., US
[72] VROMAN, HILDA B., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2014-11-06
[86] 2013-04-05 (PCT/US2013/035437)
[87] (WO2013/169419)
[30] US (61/643,955) 2012-05-08

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[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 3/14 (2006.01) G06F 17/20 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **ROTATABLE OBJECT SYSTEM FOR VISUAL COMMUNICATION AND ANALYSIS**
[54] **SYSTEME D'OBJET ROTATIF POUR UNE COMMUNICATION VISUELLE ET UNE ANALYSE**
[72] MONTAGUE, ROLAND WESTCOTT, CA
[73] MONTAGUE, ROLAND WESTCOTT, CA
[85] 2014-11-10
[86] 2013-05-10 (PCT/IB2013/001350)
[87] (WO2013/171581)
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[25] EN
[54] **OIL OR GAS PRODUCTION USING COMPUTER SIMULATION OF OIL OR GAS FIELDS AND PRODUCTION FACILITIES**
[54] **PRODUCTION DE PETROLE OU DE GAZ AU MOYEN D'UNE SIMULATION INFORMATIQUE DE CHAMPS PETROLIERS OU GAZIERS ET D'INSTALLATIONS DE PRODUCTION**
[72] WANG, QINGHUA, US
[72] FLEMING, GRAHAM CHRISTOPHER, US
[72] LU, QIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-11-12
[86] 2012-05-30 (PCT/US2012/040023)
[87] (WO2013/180709)

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[25] EN
[54] **PRODUCTION METHOD AND PRODUCTION SYSTEM FOR NATURAL GAS**
[54] **PROCEDE DE PRODUCTION ET SYSTEME DE PRODUCTION POUR GAZ NATUREL**
[72] IKENO, TOMONORI, JP
[72] CHIBA, KAZUMOTO, JP
[72] WAKATSUKI, TOSHIYA, JP
[72] TAKEUCHI, YUSUKE, JP
[72] CHAKI, KAZUTOSHI, JP
[72] ANDO, JUNICHIRO, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[85] 2014-11-12
[86] 2013-05-16 (PCT/JP2013/063678)
[87] (WO2013/172416)
[30] JP (PCT/JP2012/062497) 2012-05-16

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[25] EN
[54] **A METHOD AND APPARATUS FOR AUTOMATICALLY TESTING HIGH PRESSURE AND HIGH TEMPERATURE SEDIMENTATION OF SLURRIES**
[54] **PROCEDE ET APPAREIL DE TEST AUTOMATIQUE DE LA SEDIMENTATION DE BOUES A PRESSION ELEVEE ET A TEMPERATURE ELEVEE**
[72] JAMISON, DALE E., US
[72] MURPHY, ROBERT J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-21
[86] 2013-05-17 (PCT/US2013/041670)
[87] (WO2013/176995)
[30] US (13/478,974) 2012-05-23

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[51] **Int.Cl. C12N 1/20 (2006.01) A01C 1/06 (2006.01) A01H 3/00 (2006.01) A01N 63/00 (2006.01) C12N 11/02 (2006.01) C12N 11/14 (2006.01)**
[25] EN
[54] **METHYLOBACTERIUM FERMENTATION METHODS AND COMPOSITIONS**
[54] **METHODES DE FERMENTATION DE METYLOBACTERIUM ET COMPOSITIONS**
[72] BOGOSIAN, GREGG, US
[73] NEWLEAF SYMBIOTICS, INC., US
[85] 2014-11-26
[86] 2013-05-31 (PCT/US2013/043722)
[87] (WO2013/181610)
[30] US (61/654,504) 2012-06-01
[30] US (61/654,394) 2012-06-01
[30] US (61/784,375) 2013-03-14

[11] **2,878,362**
[13] C
[51] **Int.Cl. C08J 3/20 (2006.01) C08J 9/22 (2006.01) C09J 5/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MODIFYING POLYMER COMPOSITIONS**
[54] **PROCEDE ET APPAREIL POUR LA MODIFICATION DE COMPOSITIONS DE POLYMERE**
[72] MELENDY, PETER S., US
[72] FITZMEYER, DENNIS J., US
[72] SORDILLO, JOSEPH D., US
[73] ADHESIVE TECHNOLOGIES, INC., US
[85] 2015-01-02
[86] 2013-07-10 (PCT/US2013/049888)
[87] (WO2014/011744)
[30] US (61/669,942) 2012-07-10
[30] US (61/787,248) 2013-03-15

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[13] C
[51] **Int.Cl. A61K 31/7105 (2006.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01) A61K 48/00 (2006.01) A61P 13/10 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **AGENT FOR TREATING CANCER**
[54] **AGENT POUR LE TRAITEMENT DU CANCER**
[72] OCHIYA, TAKAHIRO, JP
[72] TAKESHITA, FUMITAKA, JP
[73] NATIONAL CANCER CENTER, JP
[73] ASAHI KASEI PHARMA CORPORATION, JP
[85] 2015-01-16
[86] 2013-08-19 (PCT/JP2013/072064)
[87] (WO2014/030602)
[30] JP (2012-181915) 2012-08-20

[11] **2,881,067**
[13] C
[51] **Int.Cl. G01N 21/84 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING SAMPLE APPLICATION**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'APPLICATION D'ECHANTILLON**
[72] ALBRECHT, GERTRUD, DE
[72] GAA, OTTO, DE
[72] LORENZ, ROBERT, DE
[72] RUECKERT, FRANK, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-02-05
[86] 2013-09-05 (PCT/EP2013/068401)
[87] (WO2014/037462)
[30] EP (12183225.7) 2012-09-05

[11] **2,882,540**
[13] C
[51] **Int.Cl. B65D 55/02 (2006.01) B32B 27/08 (2006.01) B65D 53/04 (2006.01)**
[25] EN
[54] **TAMPER EVIDENT TABBED SEALING MEMBER HAVING A FOAMED POLYMER LAYER**
[54] **ELEMENT DE SCELLAGE A ANNEAU DE PREHENSION A INDICATION D'EFFRACTION AYANT UNE COUCHE DE MOUSSE DE POLYMERE**
[72] THORSTENSEN-WOLL, ROBERT WILLIAM, CA
[73] SELIG SEALING PRODUCTS, INC., US
[85] 2015-02-19
[86] 2013-08-29 (PCT/US2013/057251)
[87] (WO2014/039364)
[30] US (13/603,998) 2012-09-05

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[13] C
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE**
[54] **CIGARETTE ELECTRONIQUE**
[72] LIU, QIUMING, CN
[73] KIMREE HI-TECH INC., VG
[85] 2015-02-23
[86] 2012-08-31 (PCT/CN2012/080846)
[87] (WO2014/032276)

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[13] C
[51] **Int.Cl. H04N 21/4725 (2011.01) H04N 21/431 (2011.01)**
[25] EN
[54] **ENHANCING VIDEO CONTENT WITH EXTRINSIC DATA**
[54] **AMELIORATION D'UN CONTENU VIDEO A L'AIDE DE DONNEES EXTRINSEQUES**
[72] TIMMERMAN, JORDAN M., US
[72] ALIVERTI, BRENT D., US
[72] BRAHMBHATT, KINTAN D., US
[72] CARLSON, ADAM, US
[72] DANTZLER, JIM L., US
[72] TREDER, DOUGLAS M., US
[72] WILSON, BRIAN M., US
[72] YOUNG, KELVIN C., US
[72] WYMAN, MICHAEL JOHN, US
[73] AMAZON TECHNOLOGIES, INC., US
[73] IMDB.COM, INC., US
[85] 2015-02-24
[86] 2013-08-30 (PCT/US2013/057543)
[87] (WO2014/036413)
[30] US (13/601,267) 2012-08-31

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[51] **Int.Cl. B25J 9/18 (2006.01) B23Q 16/00 (2006.01)**
[25] EN
[54] **PATH REPEATABLE MACHINING FOR FULL SIZED DETERMINANT ASSEMBLY**
[54] **USINAGE REPETABLE DE PARCOURS POUR ENSEMBLE DETERMINANT PLEINE GRANDEUR**
[72] FLETCHER, LUKE, AU
[72] CROTHERS, PHILLIP J., AU
[73] THE BOEING COMPANY, US
[86] (2884899)
[87] (2884899)
[22] 2015-03-11
[30] US (14/273,629) 2014-05-09

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[51] **Int.Cl. H05K 7/20 (2006.01) G06F 1/20 (2006.01)**
[25] EN
[54] **DATA CENTRE**
[54] **CENTRE INFORMATIQUE**
[72] ROGERS, PAUL, GB
[73] BRIPCO BVBA, BE
[86] (2886062)
[87] (2886062)
[22] 2010-04-15
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[30] GB (0909584.5) 2009-06-03
[30] GB (PCT/GB2009/051777) 2009-12-29

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[51] **Int.Cl. H04W 12/08 (2009.01) G08B 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO ACCESS/RESTRICT A SECURITY SYSTEM FOR TEMPORARY USERS USING A MOBILE APPLICATION**
[54] **SYSTEME ET PROCEDE SERVANT A PERMETTRE OU A LIMITER L'ACCES AU MOYEN D'UN SYSTEME DE SECURITE POUR DES UTILISATEURS TEMPORAIRES A L'AIDE D'UNE APPLICATION MOBILE**
[72] SUHASINI, KURUBA, US
[72] SHANMUGA, PRABHU M., US
[72] HEMANTH, P. V., US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2887729)
[87] (2887729)
[22] 2015-04-08
[30] US (14/256,010) 2014-04-18

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[51] **Int.Cl. A23L 33/17 (2016.01) A23L 33/10 (2016.01) A23L 33/185 (2016.01) A23L 33/19 (2016.01)**
[25] EN
[54] **HIGH PROTEIN, LOW VISCOSITY LIQUID NUTRITIONAL PRODUCT WITH HMB**
[54] **PRODUIT NUTRITIONNEL LIQUIDE A HAUTE TENEUR EN PROTEINES ET A FAIBLE VISCOSITE COMPRENANT DU HMB**
[72] PATEL, GAURAV, US
[72] SOMAVAT, ROMEL, US
[72] DEWILLE, NORMANELLA, US
[73] ABBOTT LABORATORIES, US
[85] 2015-04-20
[86] 2013-10-24 (PCT/US2013/066672)
[87] (WO2014/066675)
[30] US (61/717,768) 2012-10-24

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[51] **Int.Cl. B29C 73/10 (2006.01) B29D 99/00 (2010.01) B29C 35/08 (2006.01) B29C 73/12 (2006.01) B29C 73/34 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING A FIBER-PLASTIC COMPOSITE OF A ROTOR BLADE, SEMIFINISHED PRODUCT IN FORM OF A COMPOSITE STRUCTURE AND UV LAMP FOR CURING A UV-CURABLE MATRIX MATERIAL**
[54] **PROCEDE D'USINAGE D'UN COMPOSITE EN PLASTIQUE RENFORCE DE FIBRES D'UNE PALE DE ROTOR, DEMI-PRODUIT SOUS FORME DE COMPOSITE STRUCTURAL ET LAMPE UV SERVANT A DURCIR UN MATERIAU DE MATRICE DURCISSANT AUX UV**
[72] HESSE, INGO, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-04-22
[86] 2013-11-08 (PCT/EP2013/073447)
[87] (WO2014/082841)
[30] DE (102012221942.0) 2012-11-30

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[13] C
[51] **Int.Cl. A61F 2/42 (2006.01) A61B 17/17 (2006.01) A61B 17/90 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **TARGETED SCREW FOR TALAR DOME FIXATION**
[54] **VIS CIBLEE POUR LA FIXATION DU DOME ASTRAGALIEN**
[72] SANDER, ELIZABETH J., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-28
[86] 2015-01-12 (PCT/US2015/011020)
[87] (WO2016/114751)

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[51] **Int.Cl. E21B 19/24 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **CENTRALIZER FOR DOWNHOLE PROBES**
[54] **CENTREUR POUR SONDES DE FOND DE PUITS**
[72] DERKACZ, PATRICK R., CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[73] EVOLUTION ENGINEERING INC., CA
[85] 2015-05-05
[86] 2013-11-06 (PCT/CA2013/050851)
[87] (WO2014/071521)
[30] US (61/723,287) 2012-11-06

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[13] C
[51] **Int.Cl. E21B 47/024 (2006.01)**
[25] EN
[54] **DETERMINING GRAVITY TOOLFACE AND INCLINATION IN A ROTATING DOWNHOLE TOOL**
[54] **DETERMINATION DE FACE D'OUTIL GRAVITAIRE ET D'INCLINAISON DANS UN OUTIL ROTATIF EN FOND DE PUITS**
[72] LOZINSKY, CLINT P., CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SPOON**
[54] **CUILLERE**
[72] HARDY, TREVOR, US
[72] BOTHA, MARCEL, US
[73] INFANT VENTURES LLC, US
[85] 2015-05-11
[86] 2013-11-06 (PCT/IB2013/002457)
[87] (WO2014/072791)
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[25] EN
[54] **TABELETOP BOTTLE**
[54] **BOUTEILLE DE DESSUS DE TABLE**
[72] CHEN, CHI-EN, CA
[73] FRANKE TECHNOLOGY AND TRADEMARK LTD., CH
[86] (2892351)
[87] (2892351)
[22] 2015-05-19
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[25] EN
[54] **ENERGY DISSIPATOR AND ASSOCIATED SYSTEM FOR USE IN SUMPED FLOW-THROUGH MANHOLES**
[54] **DISSIPATEUR D'ENERGIE ET MECANISME ASSOCIE DESTINES AUX TROUS D'HOMME DE PUISARD**
[72] HOFF, LANCE, US
[72] MURPHY, DANIEL JOSEPH, IV, US
[73] MOMENTUM ENVIRONMENTAL, LLC, US
[86] (2893173)
[87] (2893173)
[22] 2015-05-29
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[25] EN
[54] **METHOD AND APPARATUS FOR ACID GRANULATION OF MATTE**
[54] **PROCEDE ET APPAREIL DE GRANULATION ACIDE DE MATTE**
[72] HIETALA, KARI, FI
[72] RANKI, TIINA, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-06-08
[86] 2013-12-19 (PCT/FI2013/051181)
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[25] EN
[54] **ABSORBENT ARTICLE WITH HIGH ABSORBENT MATERIAL CONTENT**
[54] **ARTICLE ABSORBANT CONTENANT UN MATERIAU TRES ABSORBANT**
[72] EHRNSPERGER, BRUNO JOHANNES, DE
[72] ARIZTI, BLANCA, DE
[72] BIANCHI, ERNESTO, DE
[72] JACKELS, HANS ADOLF, DE
[72] KREUZER, CARSTEN HEINRICH, DE
[72] ROSATI, RODRIGO, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-06-09
[86] 2013-12-10 (PCT/US2013/074065)
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[51] **Int.Cl. C07D 471/18 (2006.01) A61K 31/438 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **NITROGEN CONTAINING MORPHINAN DERIVATIVES AND THE USE THEREOF**
[54] **DERIVES DE MORPHINANE CONTENANT DE L'AZOTE ET LEUR UTILISATION**
[72] PARK, JAE HYUN, US
[72] TAFESSE, LAYKEA, US
[73] PURDUE PHARMA L.P., US
[85] 2015-06-12
[86] 2013-12-13 (PCT/IB2013/002786)
[87] (WO2014/091298)
[30] US (61/737,609) 2012-12-14
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[25] EN
[54] **AN IMPROVED RAIL CAR SYSTEM**
[54] **SYSTEME DE VOITURE DE CHEMINS DE FER AMELIORE**
[72] NOOREN, PIET, US
[73] MAMMOET USA SOUTH, INC., US
[85] 2015-06-17
[86] 2013-12-17 (PCT/US2013/075891)
[87] (WO2014/100057)
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[51] **Int.Cl. B21F 3/02 (2006.01) B21F 15/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR MANUFACTURING COIL SCREENS**
[54] **APPAREIL DE FABRICATION DE FILTRES DE BOBINE**
[72] RUH, MICHAEL, DE
[73] KARL MAYER TEXTILMASCHINENFABRIK GMBH, DE
[86] (2896001)
[87] (2896001)
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[54] **CLASSIFICATION DE DOCUMENT A L'AIDE D'EMPREINTES DE TEXTE A ECHELLES MULTIPLES**
[72] TOMA, ADRIAN, RO
[72] TIBEICA, MARIUS NICOLAE, RO
[73] BITDEFENDER IPR MANAGEMENT LTD, CY
[85] 2015-07-13
[86] 2014-02-04 (PCT/RO2014/000007)
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[25] EN
[54] **FLIGHT OBJECT COMMUNICATIONS SYSTEM**
[54] **SYSTEME DE COMMUNICATION D'INFORMATION RELATIVE A UN OBJET EN VOL**
[72] BAILEY, LOUIS J., US
[72] HALE, RYAN D., US
[73] THE BOEING COMPANY, US
[86] (2898527)
[87] (2898527)
[22] 2015-07-24
[30] US (14/502,942) 2014-09-30

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[51] **Int.Cl. A61F 11/04 (2006.01) G02C 11/06 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR THE VISUALIZATION AND LOCALIZATION OF SOUND**
[54] **DISPOSITIFS ET PROCEDES POUR LA VISUALISATION ET LA LOCALISATION DU SON**
[72] HU, HAI, CA
[73] SENSE INTELLIGENT, CA
[85] 2015-07-21
[86] 2014-01-24 (PCT/CA2014/050049)
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[25] EN
[54] **LENS DESIGN AND METHOD FOR MINIMIZING VISUAL ACUITY VARIATION EXPERIENCED BY MYOPIA PROGRESSORS**
[54] **MODELE DE LENTILLE ET METHODE SERVANT A MINIMISER LA VARIATION D'ACUITE VISUELLE DES VERRES PROGRESSIFS CORRECTEURS DE MYOPIE**
[72] BRENNAN, NOEL A., US
[72] CHEHAB, KHALED A., US
[72] ROFFMAN, JEFFREY H., US
[72] WEI, XIN, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[86] (2899987)
[87] (2899987)
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[25] EN
[54] **A PRACTICAL MOLTEN SALT FISSION REACTOR**
[54] **REACTEUR DE FISSION DE SELS FONDUS PRATIQUE**
[72] SCOTT, IAN RICHARD, GB
[73] SCOTT, IAN RICHARD, GB
[85] 2015-08-20
[86] 2014-02-19 (PCT/GB2014/050481)
[87] (WO2014/128457)
[30] GB (1303279.2) 2013-02-25
[30] GB (1312281.7) 2013-07-09
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[25] EN
[54] **IMPROVEMENT OF SPREAD SPECTRUM GMSK SIGNALS**
[54] **AMELIORATION DES SIGNAUX GMSK A SPECTRE ETALE**
[72] FLOCH, JEAN-JACQUES, DE
[72] SOUALLE, FRANCIS, DE
[72] WENDEL, JAN, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[86] (2902073)
[87] (2902073)
[22] 2015-08-27
[30] DE (14 003 057.8) 2014-09-04
[30] DE (14 290 353.3) 2014-11-26

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[25] EN
[54] **PARALLEL VIDEO EFFECTS, MIX TREES, AND RELATED METHODS**
[54] **EFFETS VIDEO PARALLELES, ARBRES DE MELANGE ET METHODES ASSOCIEES**
[72] LIU, YU, CA
[73] ROSS VIDEO LIMITED, CA
[86] (2902311)
[87] (2902311)
[22] 2015-08-31
[30] US (14/516,596) 2014-10-17

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[25] EN
[54] **DISSOLVABLE FILMS AND METHODS INCLUDING THE SAME**
[54] **FILMS SOLUBLES ET PROCEDES ASSOCIES**
[72] LIZZI, MICHAEL JUSTIN, US
[72] COPERTINO, DONALD W., US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2902692)
[87] (2902692)
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[25] EN
[54] **IMAGE CROPPING ACCORDING TO POINTS OF INTEREST**
[54] **ROGNAGE D'IMAGE SELON DES POINTS D'INTERET**
[72] CHEDEAU, CHRISTOPHER SERGE BENJAMIN, US
[73] FACEBOOK, INC., US
[85] 2015-08-28
[86] 2014-03-11 (PCT/US2014/023518)
[87] (WO2014/159414)
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[25] EN
[54] **PROCESS FOR PURE CARBON PRODUCTION, COMPOSITIONS, AND METHODS THEREOF**
[54] **PROCEDE POUR LA PRODUCTION DE CARBONE PUR, COMPOSITIONS ET PROCEDES POUR CECI**
[72] STILLER, ALFRED, US
[73] WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION, US
[85] 2015-09-10
[86] 2014-03-14 (PCT/US2014/028755)
[87] (WO2014/144374)
[30] US (61/798,198) 2013-03-15

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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/16 (2012.01)**
[25] EN
[54] **MOBILE DEVICE PAYMENTS**
[54] **PAIEMENTS EFFECTUES PAR DES APPAREILS MOBILES**
[72] NEIGHMAN, DANIEL, US
[72] FIRESTONE, ERIC, US
[72] SPENCER, DANIEL, US
[72] WALTERS, CAMERON, US
[72] HUANG, SOPHIA, US
[73] SQUARE, INC., US
[85] 2015-09-14
[86] 2014-03-13 (PCT/US2014/026038)
[87] (WO2014/151582)
[30] US (13/831,103) 2013-03-14

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[51] **Int.Cl. H01M 8/04089 (2016.01) H01M 8/0438 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM, FUEL CELL VEHICLE, AND METHOD FOR EVALUATING OPERATIONAL FAILURE OF ON-OFF VALVE**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE, VEHICULE A PILE A COMBUSTIBLE ET METHODE D'EVALUATION DE L'ECHEC FONCTIONNEL D'UNE VANNE MARCHE/ARRET**
[72] SAITO, HIROMU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2907344)
[87] (2907344)
[22] 2015-10-05
[30] JP (2014-217126) 2014-10-24

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[51] **Int.Cl. G08B 13/184 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MONITORING MOVING OBJECTS IN SENSING AREA**
[54] **APPAREIL ET PROCEDE POUR SURVEILLER DES OBJETS MOBILES DANS UNE ZONE DE DETECTION**
[72] TAKIGUCHI, MASAHIRO, JP
[72] IWASAKI, TETSUYA, JP
[73] DENSO CORPORATION, JP
[85] 2015-09-28
[86] 2014-03-19 (PCT/JP2014/057621)
[87] (WO2014/156909)
[30] JP (2013-070905) 2013-03-29

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[54] **SEATING UNIT CONVERTIBLE TO BED**
[54] **UNITE D'ASSISE POUVANT ETRE CONVERTIE EN UN LIT**
[72] MURPHY, MARCUS L., US
[72] HOFFMAN, D. STEPHEN, US
[73] ULTRA-MEK, INC., US
[85] 2015-10-14
[86] 2014-05-21 (PCT/US2014/038908)
[87] (WO2014/190012)
[30] US (13/900,311) 2013-05-22
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[25] EN
[54] **TAMOXIFEN DERIVATIVES FOR TREATMENT OF NEOPLASTIC DISEASES, ESPECIALLY WITH HIGH HER2 PROTEIN LEVEL**
[54] **DERIVES DE TAMOXIFENE DANS LE TRAITEMENT DE MALADIES NEOPLASIQUES, SPECIALEMENT AVEC UNE TENEUR ELEVEE EN PROTEINE HER2**
[72] NEUZIL, JIRI, CZ
[72] □TURSA, JAN, CZ
[72] WERNER, LUKAS, CZ
[72] STURSA, JAN, CZ
[73] NEUZIL, JIRI, CZ
[73] SMART BRAIN S.R.O., CZ
[73] BIOTECHNOLOGICKY USTAV AV CR, V.V.I., CZ
[73] KKCG AG, CH
[85] 2015-10-21
[86] 2014-04-07 (PCT/CZ2014/000035)
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[30] CZ (PV 2013-308) 2013-04-24
[30] CZ (PV 2014-66) 2014-01-29

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[51] **Int.Cl. C09C 3/10 (2006.01) C09C 1/36 (2006.01)**
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[54] **TITANIUM DIOXIDE PIGMENT AND MANUFACTURING METHOD**
[54] **PIGMENT DE DIOXYDE DE TITANE ET PROCEDE DE FABRICATION**
[72] SU, QUAN, US
[72] GOPARAJU, VENKATA RAMA RAO, US
[73] TRONOX LLC, US
[86] (2910522)
[87] (2910522)
[22] 2015-10-29
[30] US (14/528,910) 2014-10-30

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[51] **Int.Cl. F16L 55/11 (2006.01)**
[25] EN
[54] **TEST PLUG FOR A PIPE ELBOW**
[54] **BOUCHON DE TEST DESTINE A UN COUDE DE TUYAU**
[72] SARKISSIAN, KA'REN, US
[72] KOTLYAR, ALEX, US
[72] KOBZIAR, DANKO, US
[73] EST GROUP, INC., US
[86] (2910672)
[87] (2910672)
[22] 2015-10-29
[30] US (14/827,363) 2015-08-17

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[25] EN
[54] **SURFACE LAYER GRAIN REFINING HOT-SHEARING METHOD AND WORKPIECE OBTAINED BY SURFACE LAYER GRAIN REFINING HOT-SHEARING**
[54] **PROCEDE DE DECOUPAGE A CHAUD D'AFFINAGE DE GRAIN DE SURFACE ET PIECE A TRAVAILLER OBTENUE PAR DECOUPAGE A CHAUD D'AFFINAGE DE GRAIN DE SURFACE**
[72] MATSUNO, TAKASHI, JP
[72] SEKITO, YOSHIHITO, JP
[72] SUZUKI, TAMAKI, JP
[72] KAWASAKI, KAORU, JP
[72] SETO, ATSUSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-10-28
[86] 2014-05-09 (PCT/JP2014/062534)
[87] (WO2014/181882)
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[25] EN
[54] **CONCENTRATED SURFACTANT COMPOSITION**
[54] **COMPOSITION DE TENSIOACTIFS CONCENTREE**
[72] HOLDER, JAMES WILLIAM, US
[72] FRANKENBACH, GAYLE MARIE, US
[72] HODSON, STEPHEN JOSEPH, US
[72] VANHOUTTE, DIEDERIK EMIEL OMER, BE
[72] WANING, GREGORY THOMAS, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-10-28
[86] 2014-05-22 (PCT/US2014/039099)
[87] (WO2014/190130)
[30] US (61/827,155) 2013-05-24

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[25] EN
[54] **LOW PH DETERGENT COMPOSITION COMPRISING NONIONIC SURFACTANTS**
[54] **COMPOSITION DETERGENTE A PH FAIBLE COMPRENANT DES TENSIOACTIFS NON IONIQUES**
[72] DELANEY, SARAH ANN, US
[72] SADLOWSKI, EUGENE STEVEN, US
[72] THOMAS, CHEYNE, US
[72] TEYSSIER, PEGGY MARION, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 2014-05-22 (PCT/US2014/039104)
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[25] EN
[54] **APPARATUS AND METHOD FOR CONTINUOUS LYOPHILIZATION**
[54] **APPAREIL ET PROCEDE POUR LYOPHILISATION CONTINUE**
[72] WEISSELBERG, EDWARD, US
[73] WYSSMONT COMPANY INC., US
[86] (2911341)
[87] (2911341)
[22] 2010-11-19
[62] 2,782,908
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[25] EN
[54] **ELECTRICAL BOX RECEPTACLE MOUNT**
[54] **DISPOSITIF D'INSTALLATION D'UN RECEPTACLE D'UN COFFRET ELECTRIQUE**
[72] GREENWAY, NATHAN D., US
[72] JACKSON, MATTHEW M., US
[72] ANDERSON, TRISHA M., US
[72] MCMULLEN, BRIAN K., US
[73] TAPCO INTERNATIONAL CORPORATION, US
[86] (2911383)
[87] (2911383)
[22] 2015-11-05
[30] US (62/078,695) 2014-11-12
[30] US (14/925,486) 2015-10-28

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[25] EN
[54] **PAYMENT SYSTEM**
[54] **SYSTEME DE PAIEMENT**
[72] LEIBERT, ALAN LESLIE, GB
[72] JARMAN, JONATHAN STUART, GB
[72] NEWMAN, PAUL ANTHONY, GB
[72] NEWMAN, LUCY HARRIET, GB
[73] FREEDOM CARD LIMITED, GB
[86] (2911528)
[87] (2911528)
[22] 2002-04-08
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[25] EN
[54] **C-SPRING SUTURE FOR PRIMARY CLOSURE OF SURGICAL INCISIONS**
[54] **SUTURE A RESSORT EN C DESTINEE A UNE FERMETURE PRIMAIRE D'INCISIONS CHIRURGICALES**
[72] MCLORG, ANTHONY BARR, US
[73] DERMAL THERAPIES, LLC, US
[86] (2911699)
[87] (2911699)
[22] 2015-11-12

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[13] C
[51] **Int.Cl. A61B 10/02 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR HANDLING BIOLOGICAL TISSUES**
[54] **DISPOSITIF ET PROCEDE DE MANIPULATION DE TISSUS BIOLOGIQUES**
[72] PASTERNAK, ALEX, IL
[72] SHAPIRA-SCHWEIZER, KEREN, IL
[72] SCHATZBERGER, SHAIKE, IL
[73] UC-CARE LTD., IL
[86] (2912210)
[87] (2912210)
[22] 2013-01-10
[62] 2,860,953
[30] US (61/584,833) 2012-01-10
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[30] US (61/694,270) 2012-08-29
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[25] EN
[54] **FASTENER AND FASTENER ASSEMBLY HAVING IMPROVED VIBRATIONAL AND TIGHTENING CHARACTERISTICS**
[54] **PIECE DE FIXATION ET ENSEMBLE DE TYPE PIECE DE FIXATION AYANT DES CARACTERISTIQUES AMELIOREES EN TERMES DE VIBRATIONS ET DE SERRAGE**
[72] DIONNE, PIERRE A., US
[73] DURAFORCE HOLDINGS, LLC, US
[85] 2015-09-08
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[87] (WO2013/138533)
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[51] **Int.Cl. B22F 3/115 (2006.01) C23C 24/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A SHELL-SHAPED COMPONENT AND PRODUCTION SYSTEM SUITABLE FOR THE USE OF SAID METHOD**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT STRUCTURAL CONCAVE AINSI QU'EQUIPEMENT DE PRODUCTION POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] DOYE, CHRISTIAN, DE
[72] KRUGER, URSUS, DE
[72] STIER, OLIVER, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-11-20
[86] 2014-05-12 (PCT/EP2014/059612)
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[30] DE (10 2013 209 477.9) 2013-05-22
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[25] EN
[54] **PEGYLATED RECOMBINANT HUMAN GROWTH HORMONE COMPOUNDS**
[54] **COMPOSES D'HORMONE DE CROISSANCE HUMAINE RECOMBINANTS PEGYLES**
[72] RAU, HARALD, DE
[72] KINDERMANN, SUSANNE, DE
[72] LESSMANN, TORBEN, DE
[72] RASMUSSEN, GRETHE NORSKOV, DK
[72] HERSEL, ULRICH, DE
[72] WEGGE, THOMAS, DE
[72] SPROGOE, KENNETT, US
[73] ASCENDIS PHARMA ENDOCRINOLOGY DIVISION A/S, DK
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[87] (2915677)
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[25] EN
[54] **EXHAUST GAS PURIFICATION DEVICE AND CO2 RECOVERY SYSTEM**
[54] **DISPOSITIF D'EPURATION DE GAZ D'ECHAPPEMENT ET SYSTEME DE RECUPERATION DE CO2**
[72] NAITO, TOSHIYUKI, JP
[73] IHI CORPORATION, JP
[85] 2015-12-22
[86] 2014-07-07 (PCT/JP2014/068095)
[87] (WO2015/005296)
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[25] EN
[54] **AUTOMATED HANDLING LINE GUIDE RAIL ASSEMBLY**
[54] **MECANISME DE RAIL-GUIDE DE CABLE DE MANOEUVRE**
[72] DOHERTY, THOMAS, GB
[73] ZEPF TECHNOLOGIES UK LIMITED, GB
[86] (2916625)
[87] (2916625)
[22] 2016-01-04
[30] GB (1500191.0) 2015-01-07

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[13] C
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[25] EN
[54] **PEPTIDE INTERMEDIATES USED IN THE PRODUCTION OF BIVALIRUDIN**
[54] **PEPTIDES INTERMEDIAIRES EMPLOYES DANS LA PRODUCTION DE BIVALIRUDINE**
[72] SOMMEN, GEOFFROY, BE
[72] FORNI, LUCIANO, BE
[73] POLYPEPTIDE LABORATORIES HOLDING (PPL) AB, SE
[86] (2916716)
[87] (2916716)
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[25] EN
[54] **BENZOPYRAN DERIVATIVES USEFUL AS INHIBITORS OF MACROPHAGE MIGRRATION INHIBITORY FACTOR**
[54] **DERIVES DE BENZOPYRAN UTILES COMME INHIBITEUR DU FACTEUR INHIBITEUR DE LA MIGRATION DES MACROPHAGES**
[72] TANAKA, KEIICHI, JP
[72] MORIMOTO, KIMIKO, JP
[73] TOYAMA CHEMICAL CO., LTD., JP
[85] 2016-01-14
[86] 2014-07-17 (PCT/JP2014/069026)
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[30] JP (2013-149690) 2013-07-18

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[25] EN
[54] **SOLIDS FREE GELLABLE TREATMENT FLUIDS**
[54] **FLUIDES DE TRAITEMENT GELIFIABLES DEPOURVUS DE MATIERES SOLIDES**
[72] GAMAGE, PUBUDU H., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-15
[86] 2013-09-03 (PCT/US2013/057848)
[87] (WO2015/034466)

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[25] EN
[54] **METHOD AND SIGNAL PROCESSING UNIT FOR MAPPING A PLURALITY OF INPUT CHANNELS OF AN INPUT CHANNEL CONFIGURATION TO OUTPUT CHANNELS OF AN OUTPUT CHANNEL CONFIGURATION**
[54] **PROCEDE ET UNITE DE TRAITEMENT DE SIGNAUX PERMETTANT DE REALISER UNE MISE EN CORRESPONDANCE ENTRE UNE PLURALITE DE CANAUX D'ENTREE D'UNE CONFIGURATION DE CANAUX D'ENTREE ET DES CANAUX DE SORTIE D'UNE CONFIGURATION DE CANAUX DE SORTIE**
[72] HERRE, JURGEN, DE
[72] KUCH, FABIAN, DE
[72] KRATSCHMER, MICHAEL, DE
[72] KUNTZ, ACHIM, DE
[72] FALLER, CHRISTOPH, CH
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-20
[86] 2014-07-15 (PCT/EP2014/065159)
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[30] EP (13177360.8) 2013-07-22
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[13] C
[51] **Int.Cl. G10L 19/02 (2013.01) G10L 21/038 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENCODING OR DECODING AN AUDIO SIGNAL WITH INTELLIGENT GAP FILLING IN THE SPECTRAL DOMAIN**
[54] **APPAREIL OU PROCEDE D'ENCODAGE OU DECODAGE D'UN SIGNAL AUDIO AVEC REMPLISSAGE D'ESPACE INTELLIGENT DANS LE DOMAINE SPECTRAL**
[72] DISCH, SASCHA, DE
[72] NAGEL, FREDERIK, DE
[72] GEIGER, RALF, DE
[72] THOSHKAHNA, BALAJI NAGENDRAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] BAYER, STEFAN, DE
[72] NEUKAM, CHRISTIAN, DE
[72] EDLER, BERND, DE
[72] HELMRICH, CHRISTIAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-21
[86] 2014-07-15 (PCT/EP2014/065109)
[87] (WO2015/010948)
[30] EP (13177353.3) 2013-07-22
[30] EP (13177350.9) 2013-07-22
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[51] **Int.Cl. G10L 19/008 (2013.01) H04S 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENHANCED SPATIAL AUDIO OBJECT CODING**
[54] **APPAREIL ET PROCEDE POUR MEILLEUR CODAGE OBJET AUDIO SPATIAL**
[72] HERRE, JURGEN, DE
[72] MURTAZA, ADRIAN, RO
[72] PAULUS, JOUNI, DE
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-21
[86] 2014-07-17 (PCT/EP2014/065427)
[87] (WO2015/011024)
[30] EP (EP13177357) 2013-07-22
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[51] **Int.Cl. A61M 11/00 (2006.01) A61M 15/00 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **DOSING SYSTEM FOR AN INHALATION DEVICE**
[54] **SYSTEME DE DOSAGE POUR UN DISPOSITIF D'INHALATION**
[72] GLEIXNER, RAIMUND JOHANNES, DE
[72] HARTMANN, MONIKA, DE
[72] HEISS, MARTIN CHRISTOPH, CH
[72] HUBER, MARTIN, DE
[72] KOLB, TOBIAS, DE
[72] MUELLINGER, BERNHARD, DE
[73] VECTURA GMBH, DE
[85] 2016-01-25
[86] 2014-08-18 (PCT/EP2014/067604)
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[13] C
[51] **Int.Cl. G05B 19/042 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE PROTECTED AGAINST TAMPERING**
[54] **DISPOSITIF ELECTRONIQUE PROTEGE CONTRE L'ALTERATION**
[72] FINK, NIKOLAI, CH
[72] UMKEHRER, ALFRED, DE
[72] KRETZLER, TIMO, DE
[72] STAUDT, WILHELM, CH
[73] ENDRESS+HAUSER FLOWTEC AG, CH
[85] 2016-01-29
[86] 2014-07-08 (PCT/EP2014/064576)
[87] (WO2015/024699)
[30] DE (10 2013 109 096.6) 2013-08-22

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[13] C
[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/14 (2014.01) H04N 19/52 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO BY CONSIDERING SKIP AND SPLIT ORDER**
[54] **PROCEDE ET APPAREIL POUR ENCODER UNE VIDEO ET PROCEDE ET APPAREIL POUR DECODER UNE VIDEO EN CONSIDERANT UN ORDRE DE SAUT ET DE PARTAGE**
[72] KIM, IL-KOO, KR
[72] MIN, JUNG-HYE, KR
[72] JUNG, HAE-KYUNG, KR
[72] LEE, SUN-IL, KR
[72] CHEON, MIN-SU, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2920090)
[87] (2920090)
[22] 2011-01-13
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[30] KR (10-2010-0003555) 2010-01-14

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[51] **Int.Cl. H04N 21/633 (2011.01) H04N 21/65 (2011.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL DE TRANSMISSION DE SIGNAUX DIFFUSES, APPAREIL DE RECEPTION DE SIGNAUX DIFFUSES, METHODE DE TRANSMISSION DE SIGNAUX DIFFUSES ET METHODE DE RECEPTION DE SIGNAUX DIFFUSES**
[72] KWAK, MINSUNG, KR
[72] LEE, JANGWON, KR
[72] MOON, KYOUNGSOO, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-02-09
[86] 2015-11-04 (PCT/KR2015/011757)
[87] (WO2016/072725)
[30] US (62/075,235) 2014-11-04

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[51] **Int.Cl. C21D 1/76 (2006.01) C21D 8/12 (2006.01) C22C 38/00 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/34 (2006.01)**
[25] EN
[54] **GRAIN ORIENTED ELECTRICAL STEEL WITH IMPROVED FORSTERITE COATING CHARACTERISTICS**
[54] **ACIER ELECTRIQUE A GRAINS ORIENTES PRESENTANT DES CARACTERISTIQUES DE REVETEMENT DE FORSTERITE AMELIOREES**
[72] SCHOEN, JERRY WILLIAM, US
[72] WILKINS, CHRISTOPHER MARK, US
[72] PARTIN, KIMANI TIRAWA (DECEASED), US
[73] AK STEEL PROPERTIES, INC., US
[85] 2016-02-08
[86] 2014-08-26 (PCT/US2014/052731)
[87] (WO2015/031377)
[30] US (61/870,332) 2013-08-27

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[51] **Int.Cl. G01F 1/58 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC FLOWMETER**
[54] **DEBITMETRE ELECTROMAGNETIQUE**
[72] IIJIMA, TAKUYA, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2016-02-08
[86] 2014-01-15 (PCT/JP2014/050551)
[87] (WO2015/022783)
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[13] C
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR COLLECTING EXUDATES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE RECUEILLIR DES EXSUDATS**
[72] JAEB, JONATHAN PAUL, US
[72] KELCH, RANDALL PAUL, US
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] LUCKEMEYER, JAMES, US
[72] MCDANIEL, TERRIE LEA, US
[72] PHILLIPS, BRUCE, US
[72] ROBINSON, TIMOTHY MARK, GB
[72] JASWAL, ABHAY, US
[72] HIGLEY, KEVIN, US
[72] SIMMONS, TYLER, US
[73] KCI LICENSING INC., US
[86] (2921013)
[87] (2921013)
[22] 2009-02-27
[62] 2,712,456
[30] US (61/032,804) 2008-02-29

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[13] C
[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/119 (2014.01) H04N 19/159 (2014.01) H04N 19/17 (2014.01)**
[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE, PROCEDE DE CODAGE PREDICTIF D'IMAGE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[73] NTT DOCOMO, INC., JP
[86] (2921802)
[87] (2921802)
[22] 2010-03-16
[62] 2,756,419
[30] JP (2009-069975) 2009-03-23

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[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/519 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **QUINOLINE-SUBSTITUTED COMPOUND**
[54] **COMPOSE DE QUINOLEINE SUBSTITUEE**
[72] UNO, TAKAO, JP
[72] NONOSHITA, KATSUMASA, JP
[72] SHIMAMURA, TADASHI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2016-02-22
[86] 2014-08-22 (PCT/JP2014/071951)
[87] (WO2015/025936)
[30] JP (2013-172746) 2013-08-22

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[13] C
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 37/06 (2006.01) A01N 43/56 (2006.01) A01N 43/90 (2006.01) A01N 47/12 (2006.01) A01N 47/24 (2006.01) A01N 59/02 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASES**
[54] **COMPOSITION FONGICIDE ET PROCEDE POUR LUTTER CONTRE DES MALADIES DE PLANTES**
[72] OGAWA, MUNEKAZU, JP
[72] NISHIMURA, AKIHIRO, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
[86] (2923126)
[87] (2923126)
[22] 2009-06-30
[62] 2,729,618
[30] JP (2008-174963) 2008-07-03
[30] JP (2008-292511) 2008-11-14

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[13] C
[51] **Int.Cl. G05B 17/02 (2006.01) E03B 7/00 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR WATER PRODUCTION AND DISTRIBUTION CONTROL**
[54] **PROCEDE ET SYSTEME POUR LA COMMANDE DE LA DISTRIBUTION ET DE LA PRODUCTION D'EAU**
[72] MARKEY, NIGEL ROBERT, GB
[72] SHARMA, MADHUR, IN
[72] BANERJI, ROHIT, GB
[73] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
[86] (2924038)
[87] (2924038)
[22] 2016-03-18
[30] IN (1400/CHE/2015) 2015-03-20

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[51] **Int.Cl. A45C 7/00 (2006.01) A45C 5/03 (2006.01) A45C 5/14 (2006.01) A45C 13/26 (2006.01)**
[25] EN
[54] **COLLAPSIBLE ROLLING LUGGAGE**
[54] **BAGAGE ROULANT PLIABLE**
[72] PITCHFORTH, NOAH, US
[72] TURNER, ANDREW, US
[73] EDDIE BAUER LLC, US
[86] (2924207)
[87] (2924207)
[22] 2016-03-17
[30] US (62/134,119) 2015-03-17

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[13] C
[51] **Int.Cl. H04L 1/18 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HARQ OPERATION AND SCHEDULING IN JOINT TDD AND FDD CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION HARQ ET PLANIFICATION EN AGREGATION DE PORTEUSES TDD ET FDD COMBINEES**
[72] WANG, YIPING, US
[72] CAI, ZHIJUN, US
[72] FREEMAN, DAVID NIGEL, GB
[73] BLACKBERRY LIMITED, CA
[85] 2016-03-18
[86] 2014-09-09 (PCT/EP2014/069230)
[87] (WO2015/039930)
[30] US (14/033,256) 2013-09-20

[11] 2,924,914
[13] C
[51] **Int.Cl. G10L 21/0232 (2013.01) G10L 25/18 (2013.01) G10L 19/02 (2013.01) H03H 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCTION OF ALIASING INTRODUCED BY SPECTRAL ENVELOPE ADJUSTMENT IN REAL-VALUED FILTERBANKS**
[54] **PROCEDE PERMETTANT DE REDUIRE LE REPLIEMENT INTRODUIT PAR REGLAGE D'ENVELOPPE SPECTRALE DANS DES BANCS DE FILTRES A VALEURS REELLES**
[72] KJORLING, KRISTOFER, SE
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
[86] (2924914)
[87] (2924914)
[22] 2003-08-27
[62] 2,688,871
[30] SE (0202770-4) 2002-09-18

[11] 2,925,512
[13] C
[51] **Int.Cl. H01R 13/514 (2006.01) H01R 13/73 (2006.01) H02G 3/12 (2006.01)**
[25] EN
[54] **GROMMET-MOUNT ELECTRICAL POWER UNIT ASSEMBLY**
[54] **MODULE D'UNITE D'ALIMENTATION ELECTRIQUE FIXE PAR UN OEILLET**
[72] BYRNE, NORMAN R., US
[72] PETERSEN, THOMAS A., US
[72] PATE, RANDELL E., US
[72] WINKELMANN, E. STEPHEN, US
[73] BYRNE, NORMAN R., US
[86] (2925512)
[87] (2925512)
[22] 2016-03-30
[30] US (62/140791) 2015-03-31

[11] 2,925,956
[13] C
[51] **Int.Cl. F16B 13/02 (2006.01) B64C 1/12 (2006.01) F16B 5/04 (2006.01) F16B 21/08 (2006.01)**
[25] EN
[54] **PLASTIC LINING FASTENERS**
[54] **FIXATIONS DE DOUBLURE EN PLASTIQUE**
[72] LO, JUSTIN, US
[72] REYES, MICHAEL, US
[73] LISI AEROSPACE, FR
[73] THE MONADNOCK COMPANY, US
[86] (2925956)
[87] (2925956)
[22] 2016-04-01
[30] US (14/723423) 2015-05-27

[11] 2,926,059
[13] C
[51] **Int.Cl. B07B 1/20 (2006.01) B07B 4/00 (2006.01) B29B 17/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING PARTICLES OF PLASTIC FOIL AND PARTICLES OF ORGANIC MATERIAL**
[54] **PROCEDE ET DISPOSITIF POUR SEPARER DES PARTICULES DE FILM PLASTIQUE ET DES PARTICULES DE MATIERE ORGANIQUE**
[72] OUDE GROTEBEVELSBORG, WILLEM JAN, NL
[73] ANAERGIA B.V., NL
[85] 2016-03-31
[86] 2014-09-15 (PCT/NL2014/000030)
[87] (WO2015/050433)
[30] NL (1040425) 2013-10-02

[11] 2,926,276
[13] C
[51] **Int.Cl. C08J 5/02 (2006.01) B82Y 30/00 (2011.01) C09D 11/52 (2014.01) C08J 3/20 (2006.01) C08J 7/04 (2006.01) C08K 3/08 (2006.01) C08L 25/14 (2006.01) C09D 11/00 (2014.01) G03G 9/093 (2006.01)**
[25] EN
[54] **METALLO IONOMER POLYMERS**
[54] **POLYMERES IONOMERES METALLIQUES**
[72] FARRUGIA, VALERIE M., CA
[72] CHI, WENDY, CA
[72] GARDNER, SANDRA J., CA
[73] XEROX CORPORATION, US
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[54] **CARRIER SYSTEM FOR AN OBJECT WORN ON THE BODY AND METHOD OF PRODUCTION**
[54] **SYSTEME DE SUPPORT POUR OBJET PORTE PAR UN CORPS ET PROCEDE DE PRODUCTION**
[72] GOLDBERG, NORMAN, DE
[72] HERBERTZ, MICHAEL, DE
[72] KUBE, OLIVER, DE
[72] NITTENWILM, RALF, DE
[72] WALTER, HELMUT, DE
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[54] **FIRE SUPPRESSANT SYSTEMS**
[54] **SYSTEMES D'EXTINCTION D'INCENDIE**
[72] HECK, KENNETH W., CA
[73] KEN W. HECK INNOVATIONS LTD., CA
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[54] **AUTOMATED PATH-FINDING AND INTEGRATED BANDWIDTH MANAGEMENT FOR HYBRID VIDEO ROUTING CONNECTIONS**
[54] **REPERAGE DE CHEMIN AUTOMATISE ET GESTION DE LARGEUR DE BANDE INTEGREE DESTINES AUX CONNEXIONS DE ROUTAGE VIDEO HYBRIDES**
[72] SIZEMORE, DONALD MARK, US
[72] ZIMMER, ANDREW MATTHEW, US
[73] ROSS VIDEO LIMITED, CA
[86] (2926581)
[87] (2926581)
[22] 2016-04-08
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[54] **NON-FARADAIC, CAPACITIVELY COUPLED MEASUREMENT IN A NANOPORE CELL ARRAY**
[54] **MESURE A COUPLAGE CAPACITIF NON FARADIQUE DANS UN RESEAU DE CELLULES DE NANOPORE**
[72] CHEN, ROGER J.A., US
[73] GENIA TECHNOLOGIES, INC., US
[85] 2016-04-06
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[54] **CRASH BOX AND METHOD FOR PRODUCING THE SAME**
[54] **BOITE COMPRESSIBLE ET SON PROCEDE DE FABRICATION**
[72] NISHIMURA, RYUICHI, JP
[72] OTSUKA, KENICHIRO, JP
[72] ITO, YASUHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **INTEGRATED METHANE REFRIGERATION SYSTEM FOR LIQUEFYING NATURAL GAS**
[54] **SYSTEME DE REFRIGERATION AU METHANE INTEGRE DESTINE A LA LIQUEFACTION DU GAZ NATUREL**
[72] ROBERTS, MARK JULIAN, US
[72] CHEN, FEI, US
[72] LIU, YANG, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2927347)
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[54] **MOBILE ROBOT SYSTEM**
[54] **SYSTEME DE ROBOT MOBILE**
[72] PACK, ROBERT TODD, US
[72] FARLOW, TIMOTHY S., US
[72] ROSENSTEIN, MICHAEL T., US
[72] HALLORAN, MICHAEL, US
[72] WON, CHIKYUNG, US
[72] SHAMLIAN, STEVEN V., US
[72] CHIAPPETTA, MARK, US
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[54] **METHODS OF REPAIRING MATRIX CRACKS IN MELT INFILTRATED CERAMIC MATRIX COMPOSITES**
[54] **PROCEDES DE REPARATION DE FISSURES DE LA MATRICE DANS DES COMPOSITES A MATRICE CERAMIQUE INFILTREE DE MATIERE FONDUE**
[72] CORMAN, GREGORY SCOT, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-04-21
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[54] **METHODS OF CONTROLLING SOYBEAN RUST USING MANCOZEB IN COMBINATION WITH QUINONE OUTSIDE INHIBITORS AND DEMETHYLATION INHIBITORS**
[54] **METHODES DE CONTROLE DE LA ROUILLE DU SOJA AU MOYEN DE MACOZEB EN COMBINAISON AVEC DES INHIBITEURS EXTERNES DE QUINONE ET DES INHIBITEURS DE DEMETHYLATION**
[72] OLIVEIRA, GILSON APARECIDO HERMENEGILDO DE, BR
[72] SHROFF, JAIDEV RAJNIKANT, IN
[72] SHROFF, VIKRAM RAJNIKANT, IN
[73] UPL LIMITED, IN
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[54] **IMPROVED METHODS AND SYSTEMS FOR JACKET JOINTS**
[54] **PROCEDES ET SYSTEMES AMELIORES POUR JOINTS DE GAINE**
[72] ROBERTS, JAMES MARTIN, US
[72] ANGEL, JOHNNY DALE, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **SYSTEMES, PROCEDES ET VEHICULES INDUSTRIELS POUR DETERMINER LA VISIBILITE DE CARACTERISTIQUES**
[72] THOMSON, JACOB JAY, NZ
[72] WONG, LISA, NZ
[72] FANSELOW, TIMOTHY, NZ
[73] CROWN EQUIPMENT CORPORATION, US
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[54] **METHOD AND SYSTEM FOR COATING A PIPE**
[54] **PROCEDE ET SYSTEME POUR REVETIR UN TUYAU**
[72] WARREN, DANIEL, US
[73] WARREN, DANIEL, US
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[54] **ROOT INTRUSION PROTECTION OF SUBSURFACE DRIP IRRIGATION PIPE**
[54] **PROTECTION CONTRE L'INTRUSION DE RACINE DANS UN TUYAU D'IRRIGATION PAR EGOUTTEMENT INSTALLE EN SOUS-SURFACE**
[72] RUSKIN, RODNEY, US
[72] SCHUPAK, SHMUEL, IL
[73] A.I. INNOVATIONS N.V., US
[86] (2929360)
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[54] **TETE D'IMPRESSION ACTIONNEE PAR UNE BROCHE**
[72] NYSTROM, PETER J., US
[72] MANDEL, BARRY P., US
[72] HAYS, ANDREW W., US
[72] MA, JUN, US
[72] MANTELL, DAVID ALLEN, US
[72] REDDING, GARY D., US
[72] GULVIN, PETER M., US
[73] XEROX CORPORATION, US
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[54] **TONER COMPOSITIONS AND PROCESSES**
[54] **COMPOSITIONS D'ENCRE SECHE ET PROCEDES**
[72] SACRIPANTE, GUERINO G., CA
[72] VEREGIN, RICHARD P. N., CA
[72] NOSELLA, KIMBERLY D., CA
[72] HAWKINS, MICHAEL S., CA
[73] XEROX CORPORATION, US
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[54] **AGENCEMENT D'INSTALLATION DE CHAUFFAGE**
[72] CUOGHI, JOE, GB
[72] EDWARDS, ADRIAN, GB
[72] GREGORY, KARL, GB
[72] MCCARROLL, CATHERINE ANNE, GB
[72] TODD, PAUL, GB
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[54] **DOWNHOLE ACTUATING APPARATUS**
[54] **APPAREIL DE COMMANDE POUR FOND DE TROU**
[72] SMITH, COLIN, GB
[72] PURKIS, DANIEL GEORGE, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **SUCTIONING DEVICE FOR LARGE ARTIFICIAL WATER BODIES**
[54] **DISPOSITIF D'ASPIRATION POUR DE GRANDS CORPS D'EAU ARTIFICIELS**
[72] FISCHMANN TORRES, FERNANDO BENJAMIN, CL
[72] PRIETO DOMINGUEZ, JORGE EDUARDO, CL
[73] CRYSTAL LAGOONS (CURACAO) B.V., NL
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[54] **METHOD FOR REDUCING SELF-INTERFERENCE SIGNAL IN COMMUNICATIONS SYSTEM, AND APPARATUS**
[54] **METHODE DE REDUCTION DE SIGNAL D'AUTO-INTERFERENCE DANS UN SYSTEME DE COMMUNICATION, ET APPAREIL**
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[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DERIVE DE QUINAZOLINE**
[72] ZHANG, HESHENG, CN
[72] ZENG, GUANGHUAI, CN
[72] CHEN, YINGWEI, CN
[73] TIANJIN HEMAY ONCOLOGY PHARMACEUTICAL CO., LTD, CN
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[25] EN
[54] **SINGLE CELL WITH METAL PLATE, FUEL CELL STACK, AND METHOD FOR PRODUCING SINGLE CELL WITH METAL PLATE**
[54] **CELLULE INDIVIDUELLE AYANT UNE PLAQUE METALLIQUE, EMPILEMENT DE PILES A COMBUSTIBLE ET PROCEDE PERMETTANT DE PRODUIRE UNE CELLULE INDIVIDUELLE AYANT UNE PLAQUE METALLIQUE**
[72] OKUYAMA, YASUO, JP
[72] KURIBAYASHI, MAKOTO, JP
[72] IKEDA, ETSUYA, JP
[73] NGK SPARK PLUG CO., LTD., JP
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[54] **METHOD AND APPARATUS FOR BEARER CONTROL IN A GROUP CALL**
[54] **PROCEDE ET APPAREIL DE CONTROLE DE SUPPORT DANS UN APPEL DE GROUPE**
[72] NEWBERG, DONALD G., US
[72] DROZT, PETER M., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **FUEL NOZZLE STRUCTURE FOR AIR-ASSISTED FUEL INJECTION**
[54] **STRUCTURE D'INJECTEUR DE CARBURANT POUR INJECTION A ASSISTANCE PNEUMATIQUE**
[72] BENJAMIN, MICHAEL ANTHONY, US
[72] MOOK, JOSHUA TYLER, US
[72] HENDERSON, SEAN JAMES, US
[72] MARTINEZ, RAMON, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **40-O-(2-HYDROXYETHYL)-RAPAMYCIN FOR USE AS A SOLE DRUG SUBSTANCE IN THE TREATMENT OF CARCINOID TUMORS ARISING FROM THE FOREGUT, MIDGUT, OR HINDGUT**
[54] **40-O-(2-HYDROXYETHYL)-RAPAMYCINE DESTINEE A UNE UTILISATION COMME SEULE SUBSTANCE MEDICAMENTEUSE DANS LE TRAITEMENT DE TUMEURS CARCINOIDES PROVENANT DE L'INTESTIN ANTERIEUR, L'ANSE VITELLINE OU L'INTESTIN POSTERIEUR**
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[72] LEBWOHL, DAVID, US
[73] NOVARTIS AG, CH
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[54] **CROSSLINKER-COATED PROPPANT PARTICULATES FOR USE IN TREATMENT FLUIDS COMPRISING GELLING AGENTS**
[54] **MATIERES PARTICULAIRES D'AGENT DE SOUTENEMENT REVETUES D'AGENT DE RETICULATION A UTILISER DANS DES FLUIDES DE TRAITEMENT COMPORTANT DES AGENTS GELIFIANTS**
[72] CHOPADE, PRASHANT D., US
[72] NGUYEN, PHILIP D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPARATUS AND METHOD FOR GENERATING A PLURALITY OF AUDIO CHANNELS**
[54] **APPAREIL ET PROCEDE POUR GENERER UNE PLURALITE DE CANAUX AUDIO**
[72] BORSS, CHRISTIAN, DE
[72] ERTEL, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[72] KUNTZ, ACHIM, DE
[72] FISCHER, MICHAEL, DE
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[25] EN
[54] **SECURING DEVICE FOR A CYLINDRICAL CERAMIC HOLLOW BODY AND FIREPROOF CERAMIC GAS PURGING BRICK HAVING SUCH TYPE OF SECURING DEVICE**
[54] **DISPOSITIF DE FIXATION DESTINE A UN CORPS CREUX CERAMIQUE CYLINDRIQUE ET BRIQUE DE BALAYAGE AU GAZ CERAMIQUE IGNIFUGE COMPRENANT UN DISPOSITIF DE FIXATION DE CE TYPE**
[72] ZIVANOVIC, BOJAN, AT
[72] HANDLE, BERNHARD, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2016-07-12
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[54] **FUEL CELL CASSETTE AND FUEL CELL STACK**
[54] **CASSETTE DE PILES A COMBUSTIBLE ET ASSEMBLAGE DE PILES A COMBUSTIBLE**
[72] TANIMURA, RYOJI, JP
[72] SUMI, HIROSHI, JP
[72] HOTTA, NOBUYUKI, JP
[73] NGK SPARK PLUG CO., LTD., JP
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[54] **RECYCLING OF WASTE HEAT BY DEHUMIDIFIER APPLIANCE: APPARATUS AND METHOD**
[54] **RECYCLAGE DE CHALEUR PERDUE PAR UN APPAREIL DE DESHUMIDIFICATION : APPAREIL ET PROCEDE**
[72] LAURENT, ROBERT A., US
[73] 2525 GROUP, INC., US
[85] 2016-07-14
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[54] **APPROXIMATE PRIVACY INDEXING FOR SEARCH QUERIES ON ONLINE SOCIAL NETWORKS**
[54] **CONFIDENTIALITE APPROXIMATIVE POUR DES REQUETES DE RECHERCHE SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] WOSS, GINTARAS ANDRIUS, US
[72] SANKAR, SRIRAM, US
[72] CHEN, ZHONGXIAN, US
[72] HONG, KIHYUK, US
[72] DHAMDHERE, KEDAR, US
[72] RAINA, RAJAT, US
[73] FACEBOOK, INC., US
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[25] EN
[54] **INDUCTOR**
[54] **INDUCTEUR**
[72] ROTHENFUSSER, MAX, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-08-04
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[87] (WO2015/117820)
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[54] **AUTOMATIC HEADER COUPLING**
[54] **COUPLAGE AUTOMATIQUE D'UNE TETE DE RECOLTE**
[72] DUCROQUET, FREDERIC, US
[72] TIPPERY, STEVEN, US
[72] MAGISSON, EMMANUEL, US
[73] AGCO CORPORATION, US
[85] 2016-08-22
[86] 2014-07-24 (PCT/US2014/047931)
[87] (WO2015/134055)
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[51] **Int.Cl. B62D 21/18 (2006.01) B60P 1/04 (2006.01) B60P 1/28 (2006.01)**
[25] EN
[54] **DUMP TRUCK**
[54] **CAMION-BENNE**
[72] URANAKA, KYOUJI, JP
[72] OOTSUKA, TAKEO, JP
[72] OKAMOTO, KOUICHI, JP
[73] KOMATSU LTD., JP
[85] 2016-08-24
[86] 2014-02-27 (PCT/JP2014/054972)
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[51] **Int.Cl. B60L 15/20 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **DUAL KALMAN FILTER FOR TORSIONAL DAMPING OF ELECTRIC TRACTION DRIVES**
[54] **FILTRE DE KALMAN DOUBLE POUR AMORTISSEMENT DE TORSION D'ENTRAINEMENTS DE TRACTION ELECTRIQUE**
[72] VOVOS, ROBERT J., US
[72] DUPUY, JAMES A., US
[72] LYONS, ARTHUR P., US
[73] BAE SYSTEMS CONTROLS INC., US
[85] 2016-08-25
[86] 2015-02-26 (PCT/US2015/017684)
[87] (WO2015/130901)
[30] US (61/946,556) 2014-02-28

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[51] **Int.Cl. F22G 5/00 (2006.01) D21C 11/10 (2006.01) D21C 11/12 (2006.01)**
[25] EN
[54] **BOILER SYSTEM CONTROLLING FUEL TO A FURNACE BASED ON TEMPERATURE OF A STRUCTURE IN A SUPERHEATER SECTION**
[54] **SYSTEME DE CHAUDIERE REGULANT LE COMBUSTIBLE D'UN FOUR SUR LA BASE DE LA TEMPERATURE D'UNE STRUCTURE DANS UNE SECTION DE SURCHAUFFEUR**
[72] JONES, ANDREW K., US
[72] FUHRMANN, DAVID, US
[72] CARLIER, TIM, US
[72] SARGENT, MARK, US
[73] INTERNATIONAL PAPER COMPANY, US
[73] INTEGRATED TEST & MEASUREMENT, US
[85] 2016-08-31
[86] 2015-03-09 (PCT/US2015/019445)
[87] (WO2015/138321)
[30] US (14/202,242) 2014-03-10

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[13] C
[51] **Int.Cl. F16F 15/14 (2006.01) F16H 45/02 (2006.01)**
[25] EN
[54] **TORSIONAL VIBRATION REDUCTION DEVICE FOR TORQUE CONVERTER**
[54] **DISPOSITIF DE REDUCTION DE VIBRATION EN TORSION DESTINE A UN CONVERTISSEUR DE COUPLE**
[72] UCHIDA, KEISUKE, JP
[72] SHIBATA, YOSHINORI, JP
[72] FUJII, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2941591)
[87] (2941591)
[22] 2016-09-12
[30] JP (2015-181243) 2015-09-14

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[13] C
[51] **Int.Cl. F16F 9/04 (2006.01) B60G 11/27 (2006.01) F16F 9/05 (2006.01)**
[25] EN
[54] **ROLLING PISTON**
[54] **PISTON A DEROULEMENT**
[72] WEBER, MICHAEL, DE
[72] FATH, STEFAN, DE
[73] SAF-HOLLAND GMBH, DE
[85] 2016-06-03
[86] 2014-12-05 (PCT/EP2014/076754)
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[30] DE (10 2013 113 577.3) 2013-12-05

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[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] OHNO, KOHSUKE, JP
[72] SUZUKI, TAKAHIRO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2943818)
[87] (2943818)
[22] 2016-09-30
[30] JP (2015-194210) 2015-09-30

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[51] **Int.Cl. B62K 25/08 (2006.01) B62K 5/027 (2013.01) B62K 5/05 (2013.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] YOSHIKUNI, HIROYUKI, JP
[72] OHNO, KOHSUKE, JP
[72] HIRAKAWA, NOBUHIKO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2943838)
[87] (2943838)
[22] 2016-09-30
[30] JP (2015-194214) 2015-09-30

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[13] C
[51] **Int.Cl. B21D 22/28 (2006.01) B21D 51/54 (2006.01) B60R 21/217 (2011.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF A COMBUSTION CHAMBER TUBE FOR RESTRAINT SYSTEMS IN VEHICLES AND DEVICE FOR IMPLEMENTATION OF THE METHOD**
[54] **METHODE DE PRODUCTION D'UN TUBE DE CHAMBRE DE COMBUSTION DESTINE AUX SYSTEMES DE RETENUE DANS LES VEHICULES ET DISPOSITIF DE MISE EN OEUVRE DE LA METHODE**
[72] BURGER, MANUEL, DE
[73] FAMILIE BURGER GBR VERTRETUNGSBERECHTIGTE GESELLSCHAFTER: MERCEDES BURGER, GEORG BURGER, BERNHARD BURGER, MANUEL BURGER, CHRISTINA BURGER, DIANA BURGER, DE
[86] (2944188)
[87] (2944188)
[22] 2016-10-04
[30] DE (10 2015 121 326.5) 2015-12-08

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[13] C
[51] **Int.Cl. B23K 11/36 (2006.01)**
[25] EN
[54] **SPOT WELDING ELECTRODE HOUSING APPARATUS**
[54] **DISPOSITIF DE STOCKAGE D'ELECTRODES DE SOUDAGE PAR POINTS**
[72] NAKAJIMA, KOTARO, JP
[73] KYOKUTOH CO., LTD., JP
[85] 2016-09-28
[86] 2014-04-17 (PCT/JP2014/002196)
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[13] C
[51] **Int.Cl. E01B 29/16 (2006.01) E01B 29/05 (2006.01)**
[25] EN
[54] **RAIL HANDLING AND DRILLING MACHINE**
[54] **MACHINE DE DEPLACEMENT ET PERCAGE SUR RAIL**
[72] HERZOG, STANLEY M., US
[72] BOUNDS, IVAN E., US
[73] HERZOG RAILROAD SERVICES, INC., US
[86] (2945434)
[87] (2945434)
[22] 2014-02-03
[62] 2,894,406
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[51] **Int.Cl. B65H 75/28 (2006.01) B65H 75/10 (2006.01)**
[25] EN
[54] **SELF-ADJUSTING MOUNTING PLATE FOR WOUND ROLL**
[54] **PLAQUE D'INSTALLATION AUTO-REGLABLE DESTINEE A UN ROULEAU D'ENROULEMENT**
[72] COUCHEY, BRIAN P., US
[72] LAGACE, CHAD ERIC, US
[73] SONOCO DEVELOPMENT, INC., US
[86] (2945886)
[87] (2945886)
[22] 2016-10-20
[30] US (14/948,440) 2015-11-23

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[13] C
[51] **Int.Cl. B21D 26/039 (2011.01) B21D 26/041 (2011.01)**
[25] EN
[54] **MOLDING APPARATUS**
[54] **APPAREIL DE MOULAGE**
[72] UENO, NORIEDA, JP
[72] ISHIZUKA, MASAYUKI, JP
[72] SAIKA, MASAYUKI, JP
[72] KOMATSU, TAKASHI, JP
[73] LINZ RESEARCH ENGINEERING CO., LTD., JP
[73] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2016-10-17
[86] 2014-04-21 (PCT/IB2014/001822)
[87] (WO2015/162448)

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[51] **Int.Cl. E06B 5/01 (2006.01)**
[25] EN
[54] **ATTIC INSULATION COVER**
[54] **REVETEMENT D'ISOLANT DE GRENIER**
[72] ARTHUR, MICHAEL L., US
[73] SOUTHEAST ENERGY SOLUTIONS, INC., US
[86] (2947548)
[87] (2947548)
[22] 2016-11-04
[30] US (62/319,886) 2016-04-08

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[51] **Int.Cl. A61M 15/00 (2006.01) G06M 1/02 (2006.01) G06M 1/06 (2006.01) G06M 1/22 (2006.01)**
[25] EN
[54] **A DISPENSING DEVICE FOR USE IN DISPENSING METERED DOSAGES**
[54] **UN DISPOSITIF DE DISTRIBUTION DESTINE A DISTRIBUER DES DOSES MESUREES**
[72] BLACKER, RICHARD, CA
[72] ENGELBRETH, DANIEL K., CA
[72] SCHMIDT, JAMES N., CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[86] (2950761)
[87] (2950761)
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[62] 2,882,356
[30] US (09/008,184) 1998-01-16
[30] US (09/149,708) 1998-09-08

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[51] **Int.Cl. F16H 33/20 (2006.01) F03G 7/08 (2006.01) F03G 7/10 (2006.01) F16F 15/10 (2006.01) F16F 15/22 (2006.01) F16H 37/12 (2006.01)**
[25] FR
[54] **BALANCED MECHANISM FOR ENERGY SAVINGS, ROTARY MACHINE AND IMPLEMENTATION PROCESS**
[54] **MECANISME EQUILIBRE POUR ECONOMIE D'ENERGIE, MACHINE TOURNANTE ET PROCEDE DE MISE EN OEUVRE**
[72] GRANGER, MAURICE, PT
[73] GRANGER, MAURICE, PT
[85] 2016-12-23
[86] 2016-01-27 (PCT/FR2016/050166)
[87] (WO2017/064378)
[30] FR (PCT/FR2015/053769) 2015-12-30

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[51] **Int.Cl. H05H 1/00 (2006.01) H05H 1/02 (2006.01) H05H 1/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SIMULATION OF MAGNETOHYDRODYNAMICS**
[54] **DISPOSITIF ET PROCEDE POUR UNE SIMULATION DE MAGNETOHYDRODYNAMIQUE**
[72] HARAMEIN, NASSIM, US
[73] TORUS TECH LLC, US
[86] (2956467)
[87] (2956467)
[22] 2008-10-23
[62] 2,706,589
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[51] **Int.Cl. E21B 43/12 (2006.01) F04D 13/08 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **ABRASION-RESISTANT THRUST RING FOR USE WITH A DOWNHOLE ELECTRICAL SUBMERSIBLE PUMP**
[54] **BAGUE DE BUTEE RESISTANT A L'ABRASION A UTILISER AVEC UNE POMPE ELECTRIQUE SUBMERSIBLE DE FOND DE TROU**
[72] ZHENG, DEZHI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-30
[86] 2014-10-14 (PCT/US2014/060484)
[87] (WO2016/060649)

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[51] **Int.Cl. E21B 33/13 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **ADAPTING A TOP DRIVE CEMENT HEAD TO A CASING RUNNING TOOL**
[54] **ADAPTATION D'UNE TETE DE CIMENTAGE A ENTRAINEMENT PAR LE HAUT A UN OUTIL DE POSE DE TUBAGE**
[72] ROGERS, HENRY EUGENE, US
[72] STANDIFER, PHILLIP DAVID, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-10
[86] 2014-11-14 (PCT/US2014/065779)
[87] (WO2016/076890)

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[51] **Int.Cl. A47J 31/40 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **CAPSULE MACHINE AND COMPONENTS**
[54] **MACHINE A DOSETTES ET COMPOSANTS**
[72] TROMBETTA, LIBERATORE, CA
[72] FU, YUCHENG, CA
[72] HANNESON, SCOTT, CA
[73] 2266170 ONTARIO INC., CA
[85] 2017-03-15
[86] 2015-11-24 (PCT/CA2015/051218)
[87] (WO2016/082029)
[30] US (62/083,474) 2014-11-24

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[51] **Int.Cl. C08F 22/06 (2006.01) B01D 21/01 (2006.01) C01F 7/46 (2006.01) C02F 1/56 (2006.01) C08B 11/08 (2006.01) C08F 8/00 (2006.01) C08F 16/18 (2006.01) C22B 3/22 (2006.01) C22B 21/00 (2006.01)**
[25] EN
[54] **USE OF SILICON-CONTAINING POLYMERS TO IMPROVE RED MUD FLOCCULATION IN THE BAYER PROCESS**
[54] **UTILISATION DE POLYMERES CONTENANT DU SILICIUM POUR AMELIORER LA FLOCULATION DES BOUES ROUGES DANS LE PROCEDE BAYER**
[72] DAI, QI, US
[72] SPITZER, DONALD PAUL, US
[72] HEITNER, HOWARD I., US
[72] CHEN, H-L TONY, US
[73] CYTEC TECHNOLOGY CORP., US
[86] (2962683)
[87] (2962683)
[22] 2008-03-20
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[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR PROTECTING AGAINST DENIAL OF SERVICE ATTACKS NEAR THE SOURCE**
[54] **TECHNIQUES DE PROTECTION CONTRE LES ATTAQUES PAR DENI DE SERVICE PROCHES D'UNE SOURCE**
[72] DICKINSON, ANDREW B., US
[72] BRANDWINE, ERIC JASON, US
[73] AMAZON TECHNOLOGIES, INC., US
[86] (2963544)
[87] (2963544)
[22] 2011-12-19
[62] 2,820,308
[30] US (12/981,198) 2010-12-29

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[51] **Int.Cl. C07C 69/732 (2006.01) A61K 31/231 (2006.01) C11C 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE SYNTHESIS OF HYDROXY-TRIGLYCERIDES AND USES THEREOF FOR THE PREVENTION AND TREATMENT OF DISEASES**
[54] **PROCEDE DE SYNTHESE D'HYDROXY-TRIGLYCERIDES ET LEURS UTILISATIONS DANS LA PREVENTION ET LE TRAITEMENT DE MALADIES**
[72] ESCRIBA RUIZ, PABLO VICENTE, ES
[72] BUSQUETS XAUBET, XAVIER, ES
[73] UNIVERSITAT DE LES ILLES BALEARS, ES
[85] 2017-04-19
[86] 2015-10-21 (PCT/EP2015/074321)
[87] (WO2016/062746)
[30] EP (14189696.9) 2014-10-21

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[51] **Int.Cl. H02K 15/02 (2006.01) B21D 28/02 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING LAMINATED CORE**
[54] **PROCEDE DE FABRICATION D'AME STRATIFIEE**
[72] ARAKAWA, HIROKAZU, JP
[72] KATO, GO, JP
[72] YAMAGUCHI, SYO, JP
[72] SANO, SHINYA, JP
[73] MITSUI HIGH-TEC, INC., JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2966278)
[87] (2966278)
[22] 2017-05-05
[30] JP (2016-100643) 2016-05-19

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[51] **Int.Cl. E21B 47/18 (2012.01) F15B 21/12 (2006.01)**
[25] EN
[54] **FLUID PRESSURE PULSE GENERATING APPARATUS WITH PRIMARY SEAL ASSEMBLY, BACK UP SEAL ASSEMBLY AND PRESSURE COMPENSATION DEVICE AND METHOD OF OPERATING SAME**
[54] **APPAREIL D'EMISSION D'IMPULSIONS DE PRESSION DE FLUIDE AVEC ENSEMBLE JOINT D'ETANCHEITE PRIMAIRE, ENSEMBLE JOINT DE MAINTIEN ET DISPOSITIF DE COMPENSATION DE PRESSION ET PROCEDE POUR FAIRE FONCTIONNER CELUI-LA**
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[73] EVOLUTION ENGINEERING INC., CA
[86] (2966354)
[87] (2966354)
[22] 2013-12-20
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[51] **Int.Cl. A01G 23/095 (2006.01) A01G 3/00 (2006.01) A01G 3/08 (2006.01) A01G 23/083 (2006.01)**
[25] EN
[54] **CUTTING APPARATUS**
[54] **APPAREIL DE COUPE**
[72] CARTER, DAVID, CA
[73] AERIAL TOOL CORPORATION, CA
[85] 2017-05-31
[86] 2016-11-29 (PCT/CA2016/051402)
[87] (WO2017/091892)
[30] US (62/261,733) 2015-12-01

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[51] **Int.Cl. C03B 9/41 (2006.01) C03B 9/34 (2006.01) C03B 9/353 (2006.01)**
[25] EN
[54] **GLASSWARE MOLD PYROMETRY**
[54] **PYROMETRIE DE MOULE D'ARTICLES EN VERRE**
[72] PEENO, JOSHUA D., US
[72] NAFZIGER, GREGORY W., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2017-06-13
[86] 2015-12-17 (PCT/US2015/066309)
[87] (WO2016/100632)
[30] US (14/573,847) 2014-12-17

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[51] **Int.Cl. B01D 53/75 (2006.01) B01D 53/14 (2006.01) B01D 53/26 (2006.01) B01D 53/50 (2006.01) B01D 53/56 (2006.01) B01D 53/62 (2006.01) B01D 53/64 (2006.01) B01D 53/92 (2006.01)**
[25] EN
[54] **EXHAUST GAS PROCESSING SYSTEM AND PROCESSING METHOD**
[54] **SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT ET PROCEDE DE TRAITEMENT**
[72] NAITO, TOSHIYUKI, JP
[73] IHI CORPORATION, JP
[86] (2971059)
[87] (2971059)
[22] 2014-09-09
[62] 2,916,176
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[13] C
[51] **Int.Cl. B01D 53/60 (2006.01) B01D 47/00 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DENITRATION AND DESULFURIZATION OF AND DUST REMOVAL FROM FCC TAIL GAS BY AMMONIA-BASED PROCESS**
[54] **METHODE ET APPAREIL DE DENITRATION ET DE DESULFURISATION DE POUSSIERE ET D'ELIMINATION DE POUSSIERE DES GAZ DE TRAINEE FCC**
[72] LUO, JING, CN
[72] ZHANG, JUN, CN
[72] LUO, YONGYING, CN
[72] TAN, QIANG, CN
[72] XU, XIANGJUN, CN
[73] JIANGNAN ENVIRONMENTAL PROTECTION GROUP INC., KY
[86] (2971738)
[87] (2971738)
[22] 2017-06-23
[30] CN (201710379458.6) 2017-05-25

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[13] C
[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/06 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR COUPLING RODS**
[54] **JOINT FILETE POUR COUPLAGE DE TIGES**
[72] GUSHULAK, RICHIE, CA
[73] DIVERSITY TECHNOLOGIES CORPORATION, CA
[85] 2017-07-07
[86] 2015-09-02 (PCT/CA2015/050842)
[87] (WO2016/033687)
[30] US (62/045,332) 2014-09-03

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[51] **Int.Cl. C25C 3/12 (2006.01)**
[25] EN
[54] **ANODE ASSEMBLY AND METHOD FOR MANUFACTURING ANODE ASSEMBLY**
[54] **ENSEMBLE D'ANODE ET PROCEDE DE FABRICATION D'ENSEMBLE D'ANODE**
[72] RICHARD, DANIEL, CA
[72] DUPUIS, MARC, CA
[73] HATCH LTD., CA
[85] 2017-08-22
[86] 2016-02-22 (PCT/CA2016/050175)
[87] (WO2016/134462)
[30] US (62/119,508) 2015-02-23

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[13] C
[51] **Int.Cl. B41F 17/00 (2006.01) G07F 9/02 (2006.01) G07F 11/72 (2006.01)**
[25] EN
[54] **PRINTING SYSTEM FOR A VENDING MACHINE**
[54] **MECANISME D'IMPRESSION POUR UNE MACHINE DISTRIBUTRICE**
[72] RENDELL, MARK, CA
[72] LANGE, DETLEF, CA
[72] SCHWARZLI, BERNIE, CA
[72] SCHWARZLI, ROBERT, CA
[73] BEAVER MACHINE CORPORATION, CA
[86] (2983472)
[87] (2983472)
[22] 2014-11-19
[62] 2,871,876

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[51] **Int.Cl. B65D 65/22 (2006.01) B65B 11/48 (2006.01)**
[25] EN
[54] **STORY REVEALING PACKAGING**
[54] **EMBALLAGE REVELANT UNE HISTOIRE**
[72] LE DONNE, MAURIZIO, CA
[73] LE DONNE, MAURIZIO, CA
[86] (2986413)
[87] (2986413)
[22] 2017-11-22
[30] US (62/529,575) 2017-07-07

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[13] C
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 43/12 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DROP BALL SIZING APPARATUS AND METHOD**
[54] **APPAREIL DE DETERMINATION DE LA TAILLE D'UN CASSE-FONTE ET METHODE**
[72] SINKEWICH, ROBERT, CA
[72] WATMOUGH, JOSEPH, CA
[72] HALLADAY, NIGEL, GB
[73] GLOBAL CORE TECHNOLOGIES CORP., CA
[86] (2986665)
[87] (2986665)
[22] 2017-11-23
[30] US (62/581608) 2017-11-03

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[13] C
[51] **Int.Cl. B60W 20/00 (2016.01)**
[25] EN
[54] **DRIVING FORCE CONTROL DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE LA FORCE D'ENTRAINEMENT D'UN VEHICULE HYBRIDE**
[72] FUKUDA, HIROYUKI, JP
[72] NAKANO, TOMOYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-04
[86] 2015-07-07 (PCT/JP2015/069562)
[87] (WO2017/006440)

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[13] C
[51] **Int.Cl. G01C 19/5783 (2012.01) F16F 15/08 (2006.01) G01C 21/16 (2006.01)**
[25] FR
[54] **INERTIAL MEASUREMENT DEVICE WITH DUAL SUSPENSION**
[54] **DISPOSITIF DE MESURE INERTIELLE A DOUBLE SUSPENSION**
[72] FOLOPPE, YANNICK, FR
[72] GIBOURY, GUILLAUME, FR
[73] SAFRAN ELECTRONICS & DEFENSE, FR
[85] 2018-01-23
[86] 2016-07-26 (PCT/EP2016/067836)
[87] (WO2017/021237)
[30] FR (1557416) 2015-07-31

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[51] **Int.Cl. B67D 7/20 (2010.01) B67D 7/34 (2010.01) B67D 7/44 (2010.01) G01F 3/10 (2006.01) G01F 25/00 (2006.01) G07F 13/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURED LIQUID DISPENSING**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION MESUREE DE LIQUIDE**
[72] NERON, PIERRE, CA
[73] CRISTAL INNOVATION INC., CA
[85] 2018-03-08
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[87] (WO2017/041170)
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**June 10, 2018 to June 16, 2018**

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[51] **Int.Cl. G03B 13/06 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **OPTICAL LENS ATTACHMENT FOR CAMERA EYECUP**
[54] **FIXATION DE LENTILLE DESTINEE A UN OEILLETON DE CAMERA**
[72] HALDANE, MARIE, CA
[71] HALDANE, MARIE J., CA
[22] 2016-12-12
[41] 2018-06-12

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[21] **2,950,607**
[13] A1
[51] **Int.Cl. A01K 27/00 (2006.01)**
[25] EN
[54] **A NOVEL DUAL LOOP PET COLLAR WITH A MAGNETIC SAFETY LOOP LOCKDOWN DEVICE**
[54] **UN COLLIER DOUBLE BOUCLE NOVATEUR DESTINE A UN ANIMAL DE COMPAGNIE ET COMPORTANT UN DISPOSITIF DE VERROUILLAGE A BOUCLE DE SECURITE MAGNETIQUE**
[72] WRIGHT, ARTHUR P. G., CA
[72] WRIGHT, GABRIELLE A., CA
[72] MARTINE, ERICA S., CA
[72] MARTINE, NATHAN A., CA
[71] WRIGHT, ARTHUR P. G., CA
[22] 2016-12-12
[41] 2018-06-12

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[51] **Int.Cl. E04F 13/075 (2006.01) E04F 21/18 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **RAINSCREEN BUILDING SIDING**
[54] **PAREMENT DE BATIMENT PARE-PLUIE**
[72] HOOD, ANDREW, CA
[71] HOOD, ANDREW, CA
[22] 2016-12-12
[41] 2018-06-12

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[51] **Int.Cl. B65D 30/02 (2006.01)**
[25] EN
[54] **SWEAT BAGS**
[54] **SACS DE TOILE**
[72] UNKNOWN, ZZ
[71] SEIZ, COLBY L., CA
[22] 2016-12-15
[41] 2018-06-15

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[13] A1
[51] **Int.Cl. A01G 25/06 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR DELIVERING WATER BELOW THE GROUND SURFACE**
[54] **DISPOSITIF, SYSTEME ET METHODE DE DISTRIBUTION D'EAU SOUS LA SURFACE DU SOL**
[72] LEITH, DAVID, CA
[71] LEITH, DAVID, CA
[22] 2016-12-12
[41] 2018-06-12

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[21] **2,951,210**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR CUSTOMIZED INTERNET SEARCHING AND ADVERTISING**
[54] **SYSTEME ET METHODES DE PERSONNALISATION DE RECHERCHE ET PUBLICITE SUR INTERNET**
[72] SHAH, JAY, GB
[72] IRWIN, GEORGE, GB
[71] OPENDNA (UK) LIMITED, GB
[22] 2016-12-12
[41] 2018-06-12

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[51] **Int.Cl. H01R 13/73 (2006.01) H02J 1/00 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **USB LAMP BASE**
[54] **BASE DE LAMPE USB**
[72] SCOTT, JONATHAN SILVER, US
[72] SCOTT, ANDREW ALFRED, US
[71] PLUGG HOME INNOVATIONS LLC, US
[22] 2016-12-12
[41] 2018-06-12

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[13] A1
[51] **Int.Cl. E05B 67/38 (2006.01) E05B 67/00 (2006.01)**
[25] EN
[54] **METHOD OF ARMOURING A PADLOCK**
[54] **METHODE DE BLINDAGE D'UN CADENAS**
[72] MARTIN, TERRANCE, CA
[71] MARTIN, TERRANCE, CA
[22] 2016-12-13
[41] 2018-06-13

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[51] **Int.Cl. B25J 1/02 (2006.01) B25J 9/16 (2006.01) B25J 19/02 (2006.01)**
[25] EN
[54] **HANDHELD TOOL FOR LEVELING UNCOORDINATED MOTION**
[54] **OUTIL MANUEL SERVANT A EQUILIBRER UN MOUVEMENT NON COORDONNE**
[72] PATHAK, ANUPAM J., US
[72] ALLEN, MICHAEL M., US
[71] VERILY LIFE SCIENCES LLC, US
[22] 2016-12-13
[41] 2018-06-13

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[13] A1
[51] **Int.Cl. B60C 19/00 (2006.01)**
[25] FR
[54] **TIRES WITH INTERIOR REFLECTIVE SEALING GUM**
[54] **PNEUS AVEC GOMME INTERIEURE D'ETANCHEITE REFLECHISANTE**
[72] TREMBLAY, VINCENT, CA
[71] TREMBLAY, VINCENT, CA
[22] 2016-12-12
[41] 2018-06-12

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[13] A1
[51] **Int.Cl. G06Q 50/08 (2012.01)**
[25] EN
[54] **COMPUTER SYSTEM AND METHOD FOR BUILDING-SPECIFIC EARTHQUAKE RISK ASSESSMENT AND MITIGATION**
[54] **SYSTEME INFORMATIQUE ET METHODE DESTINES A L'EVALUATION ET L'ATTENUATION DES RISQUES DE TREMBLEMENT DE TERRE PROPRES AUX BATIMENTS**
[72] GUO, WEN WEI JACK, CA
[72] CHRISTOPOULOS, CONSTANTIN, CA
[72] PANT, DEEPAK RAJ, CA
[72] MONTGOMERY, MICHAEL STEWART, CA
[71] KINETICA, CA
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[41] 2018-06-14

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[13] A1
[51] **Int.Cl. G01T 1/167 (2006.01) G01T 3/00 (2006.01) G01N 23/222 (2006.01)**
[25] EN
[54] **UNDERWATER GAMMA AND NEUTRON DETECTION**
[54] **DETECTION SOUS-MARINE DE NEUTRONS ET DE RAYONNEMENT GAMMA**
[72] MCFADDEN, ROBERT CASSIN, CA
[72] CLARKE, CHRISTOPHER JAMES MCINNIS, CA
[72] FORSLEY, LAWRENCE PARKER, US
[72] TRANOR, SIERRA, US
[71] ALGOTECT INC., CA
[22] 2016-12-14
[41] 2018-06-14

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[13] A1
[51] **Int.Cl. A01K 11/00 (2006.01) A01K 1/00 (2006.01) G09F 3/00 (2006.01)**
[25] EN
[54] **PET TAG HOLDER**
[54] **SUPPORT D'IDENTIFIANT POUR ANIMAL DE COMPAGNIE**
[72] GEIER, MONIKA T., CA
[71] GEIER, MONIKA T., CA
[22] 2016-12-14
[41] 2018-06-14

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[21] **2,951,562**
[13] A1
[51] **Int.Cl. B64C 9/00 (2006.01) B64D 9/00 (2006.01)**
[25] EN
[54] **DEFLECTOR ASSEMBLY FOR AN AIRCRAFT**
[54] **DISPOSITIF DE DEFLECTEUR DESTINE A UN AERONEF**
[72] VON-WILMOWSKY, KASPAR, DE
[72] ERNST, GERALD, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[22] 2016-12-13
[41] 2018-06-13

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[13] A1
[51] **Int.Cl. H01F 41/02 (2006.01) H01F 30/12 (2006.01)**
[25] EN
[54] **WOUND TRANSFORMER CORE AND TRANSFORMER AND METHOD OF MANUFACTURE**
[54] **NOYAU DE TRANSFORMATEUR ENROULE ET TRANSFORMATEUR, ET METHODE DE FABRICATION**
[72] EARHART, KEITH D., US
[71] EARHART, KEITH D., US
[22] 2016-12-13
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[21] **2,951,663**
[13] A1
[51] **Int.Cl. E04G 21/22 (2006.01)**
[25] EN
[54] **BRICK LAYERING SYSTEM**
[54] **SYSTEME DE POSE DE BRIQUES**
[72] SLAVINSKI, BENOIT, CA
[72] LEGENDRE, LUDOVIC, CA
[71] SLAB INNOVATION INC., CA
[22] 2016-12-14
[41] 2018-06-14

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[21] **2,951,664**
[13] A1
[51] **Int.Cl. G01V 5/02 (2006.01) G01T 1/169 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF LOCATION OF SOURCE OF GAMMA RAY RADIATION**
[54] **IDENTIFICATION D'EMPLACEMENT DE SOURCE DE RAYONNEMENT GAMMA**
[72] MCFADDEN, ROBERT, CA
[71] MCFADDEN, ROBERT, CA
[22] 2016-12-14
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[21] **2,951,685**
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **ADVERTISING METHOD WITH USER DATA ACCOUNT INCENTIVES**
[54] **METHODE DE PUBLICITE ACCOMPAGNEE D'INCITATIFS VISANT LE COMPTE DE DONNEES UTILISATEUR**
[72] DONLEVY, JOSEPH, CA
[72] CALLELE, DAVID, CA
[71] 101294542 SASKATCHEWAN LTD., CA
[22] 2016-12-15
[41] 2018-06-15

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[13] A1
[51] **Int.Cl. B60P 3/40 (2006.01) B60P 3/41 (2006.01) B60P 7/06 (2006.01)**
[25] EN
[54] **WEDGE SUPPORTED POSTS FOR A VEHICULAR LOAD PLATFORM**
[54] **MONTANTS SUPPORTES PAR UN COIN DESTINES A UNE PLATEFORME DE CHARGEMENT DE VEHICULE**
[72] LIN, WENJUN, CA
[72] STEIGER, MICHAEL, CA
[71] DOEPKER INDUSTRIES LTD., CA
[22] 2016-12-15
[41] 2018-06-15

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[25] EN
[54] **FOLDING POST FOR A VEHICULAR LOAD PLATFORM INCLUDING BIASED POSITIONS**
[54] **MONTANT PLIANT DESTINE A UNE PLATEFORME DE CHARGEMENT DE VEHICULE COMPORTANT DES POSITIONS INCLINEES**
[72] LIN, WENJUN, CA
[72] DOEPKER, MURRAY, CA
[72] CHAPPELL, JACK, CA
[71] DOEPKER INDUSTRIES LTD., CA
[22] 2016-12-15
[41] 2018-06-15

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[21] **2,951,825**
[13] A1
[51] **Int.Cl. E04F 21/18 (2006.01) E04G 21/16 (2006.01)**
[25] EN
[54] **TOOL AND METHODS FOR INSTALLATION OF INTERIOR PANELS**
[54] **OUTIL ET METHODES D'INSTALLATION DE PANNEAUX INTERIEURS**
[72] KUDINOV, YURIY, CA
[71] KUDINOV, YURIY, CA
[22] 2016-12-15
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[51] **Int.Cl. E05B 17/20 (2006.01) E05B 47/00 (2006.01) E05B 67/38 (2006.01)**
[25] EN
[54] **HEAVY DUTY GATE LOCK**
[54] **VERROU DE PORTAIL ROBUSTE**
[72] MARTIN, TERRANCE, CA
[71] MARTIN, TERRANCE, CA
[22] 2016-12-15
[41] 2018-06-15

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[21] **2,951,857**
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[51] **Int.Cl. F16H 61/662 (2006.01) F16H 9/12 (2006.01) F16H 59/18 (2006.01) F16H 59/44 (2006.01) F16H 61/32 (2006.01)**
[25] EN
[54] **AN ELECTROMECHANICALLY ACTUATED CONTINUOUSLY VARIABLE TRANSMISSION SYSTEM AND METHOD OF CONTROLLING THEREOF**
[54] **UN SYSTEME DE TRANSMISSION VARIABLE EN CONTINU ACTIONNE ELECTROMECANIQUEMENT ET METHODE DE COMMANDE ASSOCIEE**
[72] TARDIF-LEBLANC, RAPHAEL, CA
[72] GUILBEAULT-SAUVE, ALEX, CA
[72] ST-MARTIN, DANNY, CA
[72] LASNIER, MAXIME, CA
[72] MAURAIS, SAMUEL, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[22] 2016-12-16
[41] 2018-06-16

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[51] **Int.Cl. E06B 9/303 (2006.01)**
[25] EN
[54] **WINDOW BLIND**
[54] **STORE DE FENETRE**
[72] CHANG, CHIH-YAO, CN
[72] CHEN, LIN, CN
[71] NIEN MADE ENTERPRISE CO., LTD., CN
[22] 2016-12-16
[41] 2018-06-16

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[13] A1
[51] **Int.Cl. G11B 3/64 (2006.01)**
[25] EN
[54] **RECORD MAKING SYSTEM**
[54] **SYSTEME DE REALISATION DE RECORD**
[72] WYBENGA, MICHAEL, CA
[72] BROWN, CHAD W. T., CA
[72] BROWN, ROBERT H., CA
[72] HASHMI, JAMES, CA
[71] VIRYL TECHNOLOGIES CORP., CA
[22] 2016-12-16
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[51] **Int.Cl. E04G 23/02 (2006.01) F23J 3/02 (2006.01)**
[25] EN
[54] **LINER REMOVAL APPARATUS**
[54] **APPAREIL DE RETRAIT DE REVETEMENT INTERIEUR**
[72] GARDNER, GEORGE R., US
[72] GASIECKI, EDMUND P., US
[71] INTERNATIONAL CHIMNEY CORPORATION, US
[22] 2016-12-19
[41] 2018-06-16
[30] US (15/381,730) 2016-12-16

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[51] **Int.Cl. E21B 47/18 (2012.01)**
[25] EN
[54] **TELEMETRY TOOL WITH A FLUID PRESSURE PULSE GENERATOR**
[54] **OUTIL DE TELEMETRIE DOTE D'UN GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE**
[72] LEE, GAVIN GAW-WAE, CA
[72] LOGAN, AARON W., CA
[72] WEST, KURTIS, CA
[72] LOGAN, JUSTIN C., CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2016-12-15
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[51] **Int.Cl. A01M 9/00 (2006.01) F41B 11/81 (2013.01) A45F 5/00 (2006.01) B05B 7/14 (2006.01) B05B 9/08 (2006.01) B65D 55/02 (2006.01) B65D 83/16 (2006.01) F16M 13/04 (2006.01) F41H 9/10 (2006.01)**
[25] EN
[54] **ONE SECOND COUNTS BEAR SPRAY DEPOLYMENT MECHANISM**
[54] **MECANISME DE DEPLOIEMENT DE PULVERISANT ANTI-OURS A INTERVALLE D'UNE SECONDE**
[72] DUNCAN, THOMAS MCLAREN, CA
[71] DUNCAN, THOMAS MCLAREN, CA
[22] 2016-12-16
[41] 2018-06-16

[21] 2,953,945
[13] A1
[51] **Int.Cl. B01D 35/02 (2006.01)**
[25] EN
[54] **SCREEN FILTER ASSEMBLY AND METHOD THEREFOR**
[54] **DISPOSITIF DE FILTRE ET METHODE ASSOCIEE**
[72] FORD, MICHAEL BRENT, US
[71] FORD, MICHAEL BRENT, US
[22] 2017-01-06
[41] 2018-06-13
[30] US (15/376,871) 2016-12-13

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[13] A1
[51] **Int.Cl. E04B 1/92 (2006.01) E04F 13/00 (2006.01) E04F 15/18 (2006.01)**
[25] EN
[54] **IMPROVED FIBERBOARD SURFACE PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION AMELIOREE DE SURFACE EN PANNEAU DE FIBRES**
[72] RUS, MELISSA, US
[71] GARLAND INDUSTRIES, INC., US
[22] 2017-01-11
[41] 2018-06-13
[30] US (15/377,347) 2016-12-13
[30] US (15/401,467) 2017-01-09

[21] 2,957,879
[13] A1
[51] **Int.Cl. G01N 3/24 (2006.01)**
[25] EN
[54] **DISK BENDING SHEAR TESTING AND SYSTEM**
[54] **ESSAI DE CISAILLEMENT DE COURBURE DE DISQUE ET SYSTEME**
[72] KRASNOWSKI, BOGDAN ROMAN, US
[72] LI, XIAOMING, US
[72] TZENG, CHYAU, US
[72] WARDLAW, ROBERT PATRICK, US
[72] BRACK, ROBERT ARNOLD, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-02-13
[41] 2018-06-15
[30] US (15/379,808) 2016-12-15

[21] 2,959,359
[13] A1
[51] **Int.Cl. G03G 15/20 (2006.01) B41F 21/00 (2006.01)**
[25] EN
[54] **VARIABLE LENGTH SHEET PRINTING USING CONTINUOUS SUBSTRATES**
[54] **IMPRESSION DE FEUILLES DE LONGUEUR VARIABLE AU MOYEN DE SUBSTRATS CONTINUS**
[72] EISENTRAUT, BRUCE, CA
[72] DOMBESKI, JAMES, CA
[72] HOPKINS, MARK, CA
[71] THE IMAGING SYSTEMS GROUP INC., CA
[22] 2017-02-28
[41] 2018-06-15
[30] US (62/434,865) 2016-12-15

[21] 2,960,654
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/14 (2006.01)**
[25] EN
[54] **INTERMEDIATED ACCESS TO ENTITY INFORMATION PROFILES**
[54] **ACCES INTERMEDIAIRE AUX PROFILS D'INFORMATION D'ENTITE**
[72] JUGOVIC, ERNEST, CA
[71] JUGOVIC, ERNEST, CA
[22] 2017-03-09
[41] 2018-06-12

[21] 2,964,797
[13] A1
[51] **Int.Cl. B63B 1/06 (2006.01) B63B 1/24 (2006.01) B63B 43/04 (2006.01)**
[25] EN
[54] **MINIMUM WAVE BOW**
[54] **ETRAVE A FORMATION DE VAGUE MINIMALE**
[72] VAN DIEPEN, PETER, CA
[71] VAN DIEPEN, PETER, CA
[22] 2017-04-21
[41] 2018-06-13
[30] US (15377832) 2016-12-13

[21] 2,964,999
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **ADVERTISING METHOD AND USER DATA ACCOUNT INCENTIVES**
[54] **METHODE DE PUBLICITE ET INCITATIFS VISANT LE COMPTE DE DONNEES UTILISATEUR**
[72] DONLEVY, JOSEPH, CA
[72] CALLELE, DAVID, CA
[71] 101294542 SASKATCHEWAN LTD., CA
[22] 2017-04-24
[41] 2018-06-15
[30] CA (2,951,685) 2016-12-15

[21] 2,965,636
[13] A1
[51] **Int.Cl. E04B 5/32 (2006.01)**
[25] EN
[54] **WALL ASSEMBLY FOR BEARING A CONCRETE SLAB AND METHOD FOR ADDING A CONCRETE SLAB TO A BUILDING STRUCTURE**
[54] **CONFIGURATION MURALE SERVANT A SUPPORTER UNE DALLE DE BETON ET METHODE D'AJOUT D'UNE DALLE DE BETON A UNE STRUCTURE DE BATIMENT**
[72] BEAUDOIN, MICHEL, CA
[72] HOULE, ANDRE, CA
[71] GROUPE PSMB INC., CA
[22] 2017-05-01
[41] 2018-06-15
[30] US (62/434,455) 2016-12-15

[21] 2,968,619
[13] A1
[51] **Int.Cl. H02B 1/56 (2006.01) H02B 11/12 (2006.01) H02M 7/42 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **CENTRAL-STRING INVERTER DEVICE**
[54] **DISPOSITIF INVERSEUR A CORDE CENTRALE**
[72] ZHAO, WEI, CN
[72] LU, YOU, CN
[72] SHEN, TAN, CN
[72] MEI, XIAODONG, CN
[71] SUNGROW POWER SUPPLY CO., LTD., CN
[22] 2017-05-30
[41] 2018-06-12
[30] CN (201621358025.X) 2016-12-12

[21] **2,973,430**
[13] A1
[51] **Int.Cl. F02C 7/14 (2006.01) B64D 33/10 (2006.01) F01D 25/12 (2006.01) F28D 1/00 (2006.01)**
[25] EN
[54] **SURFACE COOLER WITH FLOW RECIRCULATION**
[54] **REFROIDISSEUR DE SURFACE A RECIRCULATION DE FLUX**
[72] DUONG, HIEN, CA
[72] KANDASAMY, VIJAY, IN
[72] MUNIYAPPA, RAKESH, IN
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-07-13
[41] 2018-06-15
[30] US (15/380,205) 2016-12-15

[21] **2,975,592**
[13] A1
[51] **Int.Cl. F04B 47/02 (2006.01)**
[25] EN
[54] **NON-BEAM PUMPING UNIT DRIVEN BY A MOTOR REDUCTION UNIT**
[54] **MODULE DE POMPAGE SANS FAISCEAU ENTRAINE PAR UN MODULE DE REDUCTION MOTEUR**
[72] SU, ZHISHEN, CN
[71] DAQING DANNUO PETROLEUM TECHNOLOGY DEVELOPMENT CO., LTD., CN
[22] 2017-08-08
[41] 2018-06-14
[30] CN (201621367195.4) 2016-12-14

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[54] **NON-BEAM PUMPING UNIT DRIVEN BY A BIAXIAL MOTOR**
[54] **MODULE DE POMPAGE SANS FAISCEAU ENTRAINE PAR UN MOTEUR BIAXIAL**
[72] SU, ZHISHEN, CN
[71] DAQING DANNUO PETROLEUM TECHNOLOGY DEVELOPMENT CO., LTD., CN
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[54] **HAND BRAKE SYSTEM USED ON NON-BEAM PUMPING UNIT**
[54] **SYSTEME DE FREIN MANUEL UTILISE SUR UN MODULE DE POMPAGE SANS FAISCEAU**
[72] SU, ZHISHEN, CN
[71] DAQING DANNUO PETROLEUM TECHNOLOGY DEVELOPMENT CO., LTD., CN
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[54] **SPLINE ALIGNMENT**
[54] **ALIGNEMENT DE CLAVETTE**
[72] VINSKI, JOHNNY, CA
[72] DUROCHER, ERIC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **A SYSTEM FOR HANDLING A FAULT OF AN AIRCRAFT AND A METHOD AND COMPUTER EQUIPMENT FOR ACHIEVING THE SAME**
[54] **UN SYSTEME DE TRAITEMENT DE DEFAILLANCE D'UN AERONEF ET UNE METHODE ET UN EQUIPEMENT INFORMATIQUE DE REALISATION**
[72] LI, TANG, CN
[72] LI, YUANBIN, CN
[72] ZHANG, SHIJUN, CN
[72] BI, WENJING, CN
[71] AIR CHINA LIMITED, CN
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[54] **SCUBA CYLINDER LOWER SIDE MOUNTING SYSTEM**
[54] **SYSTEME D'INSTALLATION LATERALE DE BOUTEILLE DE PLONGEE**
[72] BELCHAMBER, DAVID JAMES, CA
[71] BELCHAMBER, DAVID JAMES, CA
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[41] 2018-06-13
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[25] EN
[54] **SELF RETAINING FACE SEAL DESIGN FOR BY-PASS STATOR VANES**
[54] **MODELE DE JOINT A FACE AUTOBLOQUANT DESTINE A DES AUBES DE STATOR DE DEVIATION**
[72] URAC, TIBOR, CA
[72] MASON, BERNADETTE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[25] EN
[54] **STATOR VANE SEAL ARRANGEMENT FOR A GAS TURBINE ENGINE**
[54] **DISPOSITIF DE JOINT D'AUBE DE STATOR DESTINE A UNE TURBINE A GAZ**
[72] URAC, TIBOR, CA
[72] MASON, BERNADETTE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **AUTOMATED WIRE PROCESSING SYSTEM AND METHODS**
[54] **SYSTEME ET METHODES DE TRAITEMENT DE FIL AUTOMATISE**
[72] PORTER, JOHN, US
[71] THE BOEING COMPANY, US
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[54] **CHAUFFE-EAU ELECTRIQUE A DOUBLE ELEMENT SANS RESERVOIR**
[72] FABRIZIO, EDWARD VINCENT, US
[71] CHRONOMITE LABORATORIES, INC., US
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[54] **SCHEMA D'ACQUISITION SATELLITE ACCELEREE**
[72] FERIA, YING J., US
[72] WHELAN, DAVID, US
[72] RAMANUJAM, PARTHASARATHY, US
[71] THE BOEING COMPANY, US
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[54] **AIR DATA SYSTEM ARCHITECTURE INCLUDING PNEUMATIC AND LASER-BASED SENSOR MEASUREMENTS**
[54] **ARCHITECTURE DE SYSTEME DE DONNEES COMPORTANT DES MESURES DE CAPTEUR FONDEES SUR UN DISPOSITIF PNEUMATIQUE ET UN LASER**
[72] MILLER, MARK SHERWOOD, US
[72] NASLUND, BRIAN BRENT, US
[72] KUNIK, WILLIAM, US
[71] ROSEMOUNT AEROSPACE INC., US
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[54] **ROBOTIC TASK SYSTEM**
[54] **SYSTEME DE TACHE ROBOTIQUE**
[72] CRIVELLA, MICHELLE, US
[72] FREEMAN, PHILIP L., US
[72] KALIN, JOSHUA D., US
[72] STRONG, ROBERT STEPHEN, US
[72] MICHAELS, PATRICK JOEL, US
[71] THE BOEING COMPANY, US
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[54] **A MULTI-HOP NETWORKING PROTOCOL FOR WIDE-AREA ENERGY HARVESTING SENSOR NETWORK DEPLOYMENTS**
[54] **UN PROTOCOLE DE RESEAUTAGE A SAUTS MULTIPLES DESTINE AUX DEPLOIEMENTS DE RESEAU DE CAPTEURS D'ENERGIE DANS UNE ZONE ETENDUE**
[72] JOHNSTON, MATTHEW R., US
[71] THE BOEING COMPANY, US
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[54] **SOFT-IN-PLANE PROPROTOR SYSTEMS**
[54] **SYSTEMES DE ROTOR ORIENTABLE SOUPLE**
[72] PARHAM, THOMAS CLEMENT, JR., US
[72] CHOI, JOUYOUNG JASON, US
[72] MILLER, GARY, US
[72] STAMPS, FRANK BRADLEY, US
[72] RAUBER, RICHARD ERIER, US
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[54] **EPANDEUSE A DIFFUSION**
[72] STEWART, CRAIG, US
[72] LOVELY, DOMINIC, US
[72] CHRISTOPHER, BRENT, US
[71] HOME DEPOT INTERNATIONAL, INC., US
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[54] **APPARATUSES AND METHODS FOR AERODYNAMIC WINDOW ASSEMBLIES**
[54] **APPAREILS ET METHODES DESTINES A DES ASSEMBLAGES DE FENETRE AERODYNAMIQUES**
[72] SMITH, RANDAL H., US
[72] SPALART, PHILIPPE R., US
[72] LEDOUX, STEPHEN T., US
[72] POLING, HUGH, US
[72] BAILLIE, JERALD C., US
[71] THE BOEING COMPANY, US
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[54] **SYSTEMS AND METHODS FOR ESTABLISHING A FLIGHT PATTERN ADJACENT TO A TARGET FOR A VEHICLE TO FOLLOW**
[54] **SYSTEMES ET METHODES D'ETABLISSEMENT D'UN PLAN DE VOL ADJACENT A UNE CIBLE QU'UN VEHICULE DOIT SUIVRE**
[72] RYSDYK, ROLF, US
[71] INSITU, INC., US
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[54] **SYSTEME DE LEVE A DISTANCE**
[72] FENTON, PATRICK C., CA
[72] SCHLEPPE, JOHN B., CA
[71] NOVATEL INC., CA
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[25] EN
[54] **CARRIER PLATE AND BASE PLATE FOR A SEAT DEPTH ADJUSTER, A SEAT DEPTH ADJUSTER AND CAR SEAT**
[54] **PLAQUE DE SUPPORT ET PLAQUE DE BASE DESTINEES A UN MECANISME D'AJUSTEMENT DE PROFONDEUR DE SIEGE, UN MECANISME D'AJUSTEMENT DE PROFONDEUR DE SIEGE ET UN SIEGE D'AUTOMOBILE**
[72] KREUZIG, NADINE, DE
[72] RIEDEL, ANDRE, DE
[71] KOKINETICS GMBH, DE
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[54] **TOPICAL COMPOSITION CONTAINING GLYCERIN AND YEAST EXTRACT**
[54] **COMPOSITION TOPIQUE RENFERMANT DE LA GLYCERINE ET UN EXTRAIT DE LEVURE**
[72] RANDHAWA, MANPREET, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **RAILWAY CAR TRUCK FRICTION SHOE**
[54] **SABOT DE FRICTION DESTINE A UN WAGON**
[72] ALEYNIKOV, IGOR, US
[72] MONACO, JAY P., US
[72] PEETZ, SHAWN, US
[72] PETRUNICH, TOM, US
[72] SCHORR, RALPH, US
[72] WIKE, PAUL STEVEN, US
[71] AMSTED RAIL COMPANY, INC., US
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[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/58 (2006.01)**
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[54] **AUTHENTICATING A SYSTEM BASED ON A CERTIFICATE**
[54] **AUTHENTIFICATION D'UN SYSTEME FONDEE SUR UN CERTIFICAT**
[72] KALAN, JOHN, US
[72] REGO, CHARLES A., US
[72] AGNEW, DERYK SHANE, US
[72] ROBERTSON, DAVID JOSEPH, US
[71] ZIXCORP SYSTEMS, INC., US
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[54] **METHODE D'INSPECTION D'UNE BANDE D'ACIER**
[72] WILD, MICHAEL, DE
[72] NOLLEN, THOMAS, DE
[71] THYSSENKRUPP RASSELSTEIN GMBH, DE
[71] THYSSENKRUPP AG, DE
[22] 2017-11-23
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[51] **Int.Cl. B62B 7/04 (2006.01) B62B 7/06 (2006.01)**
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[54] **EXPANDABLE CHILD CARRIER**
[54] **PORTE-BEBE EXTENSIBLE**
[72] TAYLOR, ANDREW J., US
[72] HARTENSTINE, CURTIS M., US
[72] HAUT, ROBERT E., US
[71] WONDERLAND SWITZERLAND AG, CH
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[25] EN
[54] **CONTINUOUS-FLOW DRYER FOR DRYING A MATERIAL BY MEANS OF HOT AIR, COMPRISING AT LEAST TWO SECTIONS**
[54] **SECHOIR A FLUX CONTINU DESTINE A SECHER UN MATERIAU AU MOYEN D'AIR CHAUD, COMPORTANT AU MOINS DEUX SECTIONS**
[72] LATEIN, TOBIAS, DE
[72] LAXHUBER, THOMAS CHRISTIAN, DE
[71] STELA LAXHUBER GMBH, DE
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[54] **INTERLOCKING STRAP CLAMP**
[54] **PINCE DE SANGLE BLOQUANTE**
[72] STRONG, SCOTT, CA
[72] KLINCK, MICHAEL, CA
[71] AMATRIMARA INC. C.O.B. RIVER DRIVE MANUFACTURING, CA
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[54] **PROTECTION OF DOWNHOLE COMPONENTS FROM SHOCK AND VIBRATION**
[54] **PROTECTION DE COMPOSANTES DE FOND DE TROU CONTRE LES CHOCS ET LES VIBRATIONS**
[72] KONSCHUH, CHRISTOPHER W., CA
[71] STAG ENERGY SOLUTIONS INC., CA
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[25] FR
[54] **FLIGHT CONTROL PROCESS FOR A ROTORCRAFT, AND ROTORCRAFT**
[54] **PROCEDE DE COMMANDE DE VOL POUR GIRAVION, ET GIRAVION**
[72] BLANC, FREDERIC, FR
[72] MEZAN, SERGE, FR
[71] AIRBUS HELICOPTERS, FR
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[54] **JOINT-LESS CONTINUOUS JOURNAL BEARINGS**
[54] **PALIERS LISSES CONTINUS SANS JOINT**
[72] RANGHARAJHAN, MURALIKRISHNA, IN
[72] SEBASTIAN KATHAYANATT, SAVIO, IN
[72] MATH, SOUVIK, IN
[71] GENERAL ELECTRIC COMPANY, US
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[54] **TRANSPARENT POLYAMIDE MOULDING COMPOSITIONS WITH HIGH TENSILE STRAIN AT BREAK**
[54] **COMPOSITIONS DE MOULAGE POLYAMIDES TRANSPARENTES A TENSION DE TRACTION ELEVEE AU BRIS**
[72] WIEDEMANN, THOMAS, CH
[72] HEWEL, MANFRED, CH
[71] EMS-PATENT AG, CH
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[54] **HYBRID-ELECTRIC DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT HYBRIDE ELECTRIQUE**
[72] VONDRELL, RANDY M., US
[72] CRABTREE, GLENN, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ELECTRICAL SWITCHING APPARATUS AND SHUNT TAB ASSEMBLY THEREFOR**
[54] **APPAREILLAGE DE COMMUTATION ELECTRIQUE ET PATTE DE SHUNT CONNEXE**
[72] GOTTSCHALK, ANDREW LAWRENCE, US
[72] SCHALTENBRAND, BRIAN JOHN, US
[72] RIZZO, BRADLEY P., US
[71] EATON CORPORATION, US
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[54] **INK COMPOSITION AND METHOD OF PRINTING**
[54] **COMPOSITION D'ENCRE ET METHODE D'IMPRESSION**
[72] BIRAU, MIHAELA MARIA, CA
[72] BRETON, MARCEL P., CA
[72] SACRIPANTE, GUERINO, CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] GAGNON, YVAN, CA
[72] MANABOTULA, TEJA, CA
[71] XEROX CORPORATION, US
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[54] **METHOD AND APPARATUS FOR ABLATION PLANNING AND CONTROL**
[54] **METHODE ET APPAREIL DE PLANIFICATION ET CONTROLE D'ABLATION**
[72] ZOABI, AKRAM, IL
[72] MASSARWI, FADY, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **LADDER WITH PINCH FLEX LATCH, AND METHOD**
[54] **ECHELLE DOTEE D'UN LOQUET SOUPLE A PINCE, ET METHODE**
[72] PARKER, THOMAS W., US
[72] LENTINE, TEK, US
[71] WERNER CO., US
[22] 2017-12-04
[41] 2018-06-12
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[25] EN
[54] **CATHETER SPLINES WITH EMBEDDED CIRCUIT ELEMENTS**
[54] **CLAVETTES DE CATHETER DOTEES D'ELEMENTS DE CIRCUIT INTEGRES**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] BEECKLER, CHRISTOPHER THOMAS, IL
[72] KEYES, JOSEPH THOMAS, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **COLORATION ELECTROANATOMIQUE DU COEUR EN TEMPS REEL**
[72] COHEN, ASSAF, IL
[72] SUZDALNITSKY, LILIA, IL
[72] FILIPOV, EDUARD, IL
[72] ILAN, IDO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. F16L 55/26 (2006.01) F16L 55/163 (2006.01) F16L 55/18 (2006.01) F21V 29/50 (2015.01) F21K 9/00 (2016.01)**
[25] EN
[54] **A DEVICE FOR CURING PIPELINE INNER RESIN LININGS**
[54] **UN DISPOSITIF DE DURCISSEMENT DE CHEMISAGES INTERIEURS EN RESINE DESTINES A DES PIPELINES**
[72] KUZNIAR, SLAWOMIR, PL
[71] KANRES TECHNOLOGY SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA, PL
[22] 2017-12-07
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[54] **SPRING RETAINER FOR HIGH ANGLE CONVEYOR**
[54] **FIXATION A RESSORT DESTINEE A UN TRANSPORTEUR A ANGLE ELEVE**
[72] NIX, STEVIE KIM, US
[71] JOY MM DELAWARE, INC., US
[22] 2017-12-07
[41] 2018-06-15
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[51] **Int.Cl. G06Q 30/06 (2012.01) G16H 20/60 (2018.01)**
[25] EN
[54] **CUSTOMIZED ONLINE NUTRITION AND GROCERY SHOPPING MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE GESTION D'ACHAT EN LIGNE PERSONNALISE DE PRODUITS D'ALIMENTATION ET D'EPICERIE**
[72] PATTEN, ROBERT, US
[72] BHAT, KRISHNA PAVAN, US
[71] WAL-MART STORES, INC., US
[22] 2017-12-08
[41] 2018-06-12
[30] US (62/432,969) 2016-12-12

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[51] **Int.Cl. H02G 3/02 (2006.01) F16B 37/00 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **POSITION-ADJUSTABLE RECEPTACLE AND FASTENERS THEREFOR**
[54] **RECEPTACLE A POSITION AJUSTABLE ET FIXATIONS ASSOCIEES**
[72] JACK, ROBERT W., US
[72] DIMAS, GARY J., US
[71] ELECTRICAL IMPROVEMENT PRODUCTS LLC, US
[22] 2017-12-08
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[51] **Int.Cl. H02S 40/30 (2014.01) H02S 50/00 (2014.01)**
[25] EN
[54] **SOLAR POWER GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION D'ENERGIE SOLAIRE**
[72] SATO, DAISUKE, JP
[72] HIRANO, TAKAHIRO, JP
[72] MIYOSHI, TATSUYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-12-08
[41] 2018-06-12
[30] JP (2016-240478) 2016-12-12

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[51] **Int.Cl. H04L 12/66 (2006.01) G05B 19/042 (2006.01) G10L 15/26 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **UNIVERSAL INTERFACE DATA GATE AND VOICE CONTROLLED ROOM SYSTEM**
[54] **SYSTEME DE PORTE DE DONNEES D'INTERFACE UNIVERSELLE ET SALLE CONTROLEE PAR LA VOIX**
[72] WARRICK, PETER S., CA
[71] BULLHEAD INNOVATIONS LTD., CA
[22] 2017-12-11
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[30] US (62/433,693) 2016-12-13

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[51] **Int.Cl. F01K 23/06 (2006.01) F01K 19/00 (2006.01)**
[25] EN
[54] **METHOD TO INTEGRATE REGENERATIVE RANKINE CYCLE INTO COMBINED CYCLE APPLICATIONS USING AN INTEGRATED HEAT RECOVERY STEAM GENERATOR**
[54] **METHODE D'INTEGRATION DE CYCLE DE RANKINE REGENERATIF DANS LES APPLICATIONS DE CYCLE COMBINEES AU MOYEN D'UN GENERATEUR DE VAPEUR A RECUPERATION DE CHALEUR INTEGRE**
[72] KINCAID, RONALD F., US
[72] SKOWRONSKI, MARK J., US
[71] KINCAID, RONALD F., US
[71] SKOWRONSKI, MARK J., US
[22] 2017-12-08
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[51] **Int.Cl. B60C 23/02 (2006.01)**
[25] EN
[54] **TIRE PRESSURE MONITORING SYSTEM EMULATION DEVICE AND METHOD**
[54] **DISPOSITIF D'EMULATION DE SYSTEME DE SURVEILLANCE DE PRESSION DES PNEUS ET METHODE**
[72] POULIN, FREDERIC, CA
[72] DUTKEWYCH, MYKOLAI, CA
[71] FZ ENGINEERING INC., CA
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[51] **Int.Cl. B62K 15/00 (2006.01) A63H 17/00 (2006.01) B62K 5/02 (2013.01)**
[25] EN
[54] **FOLDABLE PERSONAL VEHICLE**
[54] **VEHICULE PERSONNEL PLIANT**
[72] MAZAR, YOAV SHABTAI, IL
[72] HOLTZMAN, MAXIM, IL
[71] DOONA HOLDINGS LTD., HK
[22] 2017-12-08
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[51] **Int.Cl. H02K 15/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING LAMINATED IRON CORE**
[54] **METHODE ET APPAREIL DE FABRICATION DE MINERAI DE FER LAMELLE**
[72] AMANO, KATSUMI, JP
[72] FUKUNAGA, YUKIYA, JP
[72] FUKUMOTO, TAKASHI, JP
[71] MITSUI HIGH-TEC, INC., JP
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[25] EN
[54] **CONTROL OF THE SPECTRUM OF A PULSED RF EMISSION BY PULSE SHAPING**
[54] **CONTROLE DU SPECTRE D'UNE EMISSION RF PULSEE PAR FORMATION D'IMPULSION**
[72] LETEMPLIER, ALAIN, FR
[72] TAILLANDIER, NICOLAS, FR
[71] THALES, FR
[22] 2017-12-11
[41] 2018-06-15
[30] FR (1601787) 2016-12-15

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[51] **Int.Cl. H04N 21/258 (2011.01) H04W 84/10 (2009.01) H04N 21/45 (2011.01) H04N 21/4722 (2011.01) G06Q 30/02 (2012.01) H04W 4/23 (2018.01)**
[25] EN
[54] **METHOD FOR PROVIDING FEEDBACK FOR TELEVISION ADVERTISEMENTS**
[54] **METHODE D'AMELIORATION DE LA PRODUCTION DE REACTION A DES PUBLICITES TELEVISEES**
[72] SANCHEZ, JAVIER REYES, MX
[72] MEDINA, LUIS ALBERTO VALENCIA, MX
[72] RODRIGUEZ, ALDO DAVID SANCHEZ, MX
[72] AGUILAR, GREGORIO MARTINEZ, MX
[71] ARRIS ENTERPRISES LLC, US
[22] 2017-12-11
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[51] **Int.Cl. B64D 47/00 (2006.01) B64C 25/00 (2006.01) G01B 5/30 (2006.01)**
[25] EN
[54] **AIRCRAFT ASSEMBLY INCLUDING DEFLECTION SENSOR**
[54] **ASSEMBLAGE D'AERONEF COMPORTANT UN CAPTEUR DE DEFLEXION**
[72] COKONAJ, VALERIJAN, GB
[72] COLLETT, LAURA, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2017-12-08
[41] 2018-06-15
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[51] **Int.Cl. A47K 3/38 (2006.01) A47H 13/02 (2006.01) A47H 23/01 (2006.01)**
[25] EN
[54] **MAGNETIC SHOWER CURTAIN SYSTEM**
[54] **SYSTEME DE RIDEAU DE DOUCHE MAGNETIQUE**
[72] JONES, KYLE CLANCY, US
[72] TONISSEN, ERIC JOHN, US
[71] MOEN INCORPORATED, US
[22] 2017-12-11
[41] 2018-06-12
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[51] **Int.Cl. A61K 36/185 (2006.01) A61K 31/05 (2006.01) A61K 31/192 (2006.01) A61K 31/352 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF ERECTILE DYSFUNCTION**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA DYSFONCTION ERECTILE**
[72] CAPRIO, JAMES J., US
[71] CAPRIO, JAMES J., US
[22] 2017-12-12
[41] 2018-06-13
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[13] A1
[51] **Int.Cl. B01D 47/06 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REDUCING POLLUTION EMITTED BY AN INDUSTRIAL EXHAUST SOURCE**
[54] **APPAREIL ET METHODE DE REDUCTION DE LA POLLUTION EMISE PAR UNE SOURCE D'ECHAPPEMENT INDUSTRIELLE**
[72] BRITO, ALEJANDRO FIDEL, US
[71] BRITO, ALEJANDRO FIDEL, US
[22] 2017-12-12
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[30] US (62/434,637) 2016-12-15

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[51] **Int.Cl. B60J 5/10 (2006.01) E05D 13/00 (2006.01) E05D 15/16 (2006.01) E06B 3/44 (2006.01)**
[25] EN
[54] **OVERHEAD DOOR HEADER WITH MAXIMUM CLEARANCE**
[54] **LINTEAU DE PORTE PROFOND OFFRANT UN DEGAGEMENT MAXIMAL**
[72] EHRLICH, RODNEY P., US
[72] THOMA, MICHAEL L., US
[71] WABASH NATIONAL, L.P., US
[22] 2017-12-12
[41] 2018-06-16
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[13] A1
[51] **Int.Cl. H02J 9/02 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **BACKUP POWER SOURCE ASSEMBLY, LAMP ASSEMBLY, LIGHTING SYSTEM AND INSTALLING METHOD THEREOF**
[54] **APPAREIL DE SOURCE D'ALIMENTATION DE SECOURS, ENSEMBLE DE LAMPE, SYSTEME D'ECLAIRAGE ET METHODE D'INSTALLATION ASSOCIEE**
[72] REN, JUNQI, CN
[72] ZHOU, SHOUYONG, CN
[72] ZHANG, BING, CN
[72] GAO, HONGLEI, CN
[72] LI, HUI, CN
[72] ZHOU, CUIJUAN, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2017-12-12
[41] 2018-06-14
[30] CN (201611152366.6) 2016-12-14

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[13] A1
[51] **Int.Cl. A63H 33/00 (2006.01)**
[25] EN
[54] **ARRAY OF TOYS SIMULATING A VEHICLE CONTROL PANEL**
[54] **ENSEMBLE DE JOUETS SIMULANT UN PANNEAU DE COMMANDE DE VEHICULE**
[72] DE GRASSE, SCOTT R., US
[71] AQUA-LEISURE INDUSTRIES, INC., US
[22] 2017-12-12
[41] 2018-06-13
[30] US (62/433,316) 2016-12-13
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[51] **Int.Cl. C08J 3/05 (2006.01) C08K 3/22 (2006.01) C08L 57/04 (2006.01)**
[25] EN
[54] **COATING COMPOSITION WITH PHOSPHORUS ACID-FUNCTIONALIZED LATEX PARTICLES AND ACID FUNCTIONALIZED DISPERSANTS**
[54] **COMPOSITION DE REVETEMENT RENFERMANT DES PARTICULES DE LATEX FONCTIONNALISEES A L'ACIDE PHOSPHORIQUE ET DISPERSANTS FONCTIONNALISES A L'ACIDE**
[72] DEROCHER, JONATHAN, US
[72] HENDERSON, KEVIN J., US
[72] VAN DYK, ANTONY K., US
[72] YANG, JINGCHUN, US
[71] ROHM AND HAAS COMPANY, US
[22] 2017-12-12
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[51] **Int.Cl. G01N 27/90 (2006.01)**
[25] EN
[54] **EDDY CURRENT TESTER IN PROBE HEAD**
[54] **APPAREIL DE TEST DE COURANT DE FOUCAULT**
[72] HAND, DAVID A., US
[72] CORADI, MICHAEL D., US
[71] CORESTAR INTERNATIONAL CORPORATION, US
[22] 2017-12-12
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[51] **Int.Cl. B32B 13/00 (2006.01) B32B 37/00 (2006.01) E04C 2/288 (2006.01)**
[25] EN
[54] **PLASTER BOARDS AND METHODS FOR MAKING THEM**
[54] **PANNEAUX DE PLATRE ET LEURS METHODES DE FABRICATION**
[72] SHI, ZHIQIANG, US
[72] GLEAN, ALDO, US
[71] CERTAINTEED GYPSUM, INC., US
[22] 2017-12-12
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[51] **Int.Cl. A41D 1/00 (2018.01) A41D 27/20 (2006.01)**
[25] EN
[54] **APPAREL WITH INTEGRATED STORAGE**
[54] **APPAREIL DOTE DE STOCKAGE INTEGRE**
[72] EPP FRENETTE, KIM, US
[71] EPP FRENETTE, KIM, US
[22] 2017-12-13
[41] 2018-06-13
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[51] **Int.Cl. G09F 19/00 (2006.01) A63H 3/06 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 29/60 (2006.01)**
[25] EN
[54] **INFLATABLE DISPLAY ASSEMBLY FOR DETACHABLE EXTERNAL AIR BLOWER**
[54] **ASSEMBLAGE D'AFFICHEUR GONFLABLE DESTINE A UNE SOUFFLERIE EXTERNE DETACHABLE**
[72] DE GRASSE, SCOTT R., US
[72] KANE, JESSE, US
[71] AQUA-LEISURE INDUSTRIES, INC., US
[22] 2017-12-13
[41] 2018-06-15
[30] US (62/434,728) 2016-12-15
[30] US (15/838,491) 2017-12-12

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[13] A1
[51] **Int.Cl. B60D 3/00 (2006.01) B60R 99/00 (2009.01)**
[25] EN
[54] **IMPLEMENT MOUNTING ASSEMBLY AND METHOD FOR MANAGING A CABLE USED FOR MOUNTING THE SAME TO A VEHICLE**
[54] **DISPOSITIF D'INSTALLATION D'ACCESSOIRE ET METHODE DE GESTION D'UN CABLE UTILISE POUR INSTALLER LEDIT ACCESSOIRE DANS UN VEHICULE**
[72] AUBIN-MARCHAND, JEREMIE, CA
[72] PROVENCHER, KAREN, CA
[72] ROY, NORMAND, CA
[72] BERGERON, MICHAEL, CA
[72] ROGER, YAN, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2017-12-13
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[51] **Int.Cl. H05B 37/02 (2006.01) E01F 9/20 (2016.01) E01F 9/615 (2016.01) G09F 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO DRAW ATTENTION TO PERSON**
[54] **SYSTEME ET METHODE VISANT A ATTIRER L'ATTENTION D'UNE PERSONNE**
[72] HANNINEN, JOUNI, FI
[71] INNOTRAFIK OY, FI
[22] 2017-12-12
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[51] **Int.Cl. A61M 25/09 (2006.01)**
[25] EN
[54] **DEVICE FOR SHAPING A GUIDEWIRE**
[54] **DISPOSITIF DE FORMAGE D'UN FIL-GUIDE**
[72] MIRSHEKARI, GHOLAMREZA, CA
[72] LAFOREST, MAUDE, CA
[72] SANTOIANNI, DOMENIC, CA
[72] BROUILLETTE, MARTIN, CA
[72] RIEL, LOUIS-PHILIPPE, CA
[71] LES SOLUTIONS MEDICALES SOUNDBITE INC., CA
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[51] **Int.Cl. E06B 3/67 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE FENESTRATION SYSTEM**
[54] **SYSTEME DE FENESTRATION A HAUT RENDEMENT**
[72] HEADER, GREGORY A., US
[71] HEADER, GREGORY A., US
[22] 2017-12-07
[41] 2018-06-12
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[51] **Int.Cl. B60T 17/22 (2006.01) B61H 13/00 (2006.01)**
[25] EN
[54] **ENHANCED RAILWAY EQUIPMENT AND RELATED INTEGRATED SYSTEMS**
[54] **EQUIPEMENT DE CHEMIN DE FER AMELIORE ET SYSTEMES INTEGRES ASSOCIES**
[72] COVELLO, LUIGI, CA
[72] KHATCHADOURIAN, VAROUJAN, CA
[71] DAVANAC INC., CA
[22] 2017-12-13
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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **GLP-1 RECEPTOR AGONISTS AND USES THEREOF**
[54] **ANTAGONISTES DU RECEPTEUR GLP-1 ET LEURS UTILISATIONS**
[72] ASPNES, GARY ERIK, US
[72] BAGLEY, SCOTT W., US
[72] CURTO, JOHN M., US
[72] DOWLING, MATTHEW S., US
[72] EDMONDS, DAVID JAMES, US
[72] FLANAGAN, MARK E., US
[72] FUTATSUGI, KENTARO, US
[72] GRIFFITH, DAVID A., US
[72] HUARD, KIM, US
[72] INGLE, GAJENDRA, US
[72] JIAO, WENHUA, US
[72] LIMBERAKIS, CHRIS, US
[72] MATHIOWETZ, ALAN M., US
[72] PIOTROWSKI, DAVID W., US
[72] RUGGERI, ROGER B., US
[71] PFIZER INC., US
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[51] **Int.Cl. E02F 9/00 (2006.01) E02F 3/00 (2006.01)**
[25] EN
[54] **FRAME ASSEMBLY FOR SUPPORTING AN IMPLEMENT ON A VEHICLE**
[54] **ASSEMBLAGE DE STRUCTURE DESTINE A SUPPORTER UN ACCESSOIRE SUR UN VEHICULE**
[72] AUBIN-MARCHAND, JEREMIE, CA
[72] PROVENCHER, KAREN, CA
[72] ROY, NORMAND, CA
[72] BERGERON, MICHAEL, CA
[72] ROGER, YAN, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2017-12-13
[41] 2018-06-13
[30] US (62/433,694) 2016-12-13

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[13] A1
[51] **Int.Cl. E02F 3/80 (2006.01) B60D 3/00 (2006.01)**
[25] EN
[54] **PIVOT OFFSETTING IMPLEMENT ASSEMBLY ATTACHMENT SYSTEM FOR A VEHICLE**
[54] **SYSTEME DE FIXATION D'UN ASSEMBLAGE D'ACCESSOIRE A DECALAGE DE PIVOT DESTINE A UN VEHICULE**
[72] AUBIN-MARCHAND, JEREMIE, CA
[72] PROVENCHER, KAREN, CA
[72] ROY, NORMAND, CA
[72] BERGERON, MICHAEL, CA
[72] ROGER, YAN, CA
[71] SOUCY INTERNATIONAL INC., CA
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[13] A1
[51] **Int.Cl. F04D 29/28 (2006.01) A01C 14/00 (2006.01) F04D 29/02 (2006.01)**
[25] EN
[54] **CENTRIFUGAL FAN ROTOR AND APPARATUS INCORPORATING THE CENTRIFUGAL FAN ROTOR**
[54] **ROTOR DE VENTILATEUR CENTRIFUGE ET APPAREIL INCORPORANT LE ROTOR DE VENTILATEUR CENTRIFUGE**
[72] CAVKUSIC, DAMIR, US
[72] RICHARD, BEN, US
[72] LEACH, MICHAEL, US
[72] LEE, MITCHELL, US
[71] CRARY INDUSTRIES, INC., US
[22] 2017-12-13
[41] 2018-06-13
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[13] A1
[51] **Int.Cl. B62D 55/104 (2006.01) B60F 5/00 (2006.01)**
[25] EN
[54] **ALL-TERRAIN VEHICLE**
[54] **VEHICULE TOUT TERRAIN**
[72] VISSCHER, PETER D., CA
[72] HEIBEIN, KEITH L., CA
[71] ONTARIO DRIVE & GEAR LIMITED, CA
[22] 2017-12-14
[41] 2018-06-14
[30] US (62/434,402) 2016-12-14

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[13] A1
[51] **Int.Cl. B32B 27/18 (2006.01)**
[25] EN
[54] **BIODEGRADABLE LAMINATE FILM STRUCTURE**
[54] **STRUCTURE DE PELLICULE LAMELLEE BIODEGRADABLE**
[72] ROSE, MARK T., CA
[72] SYNNOTT, RICHARD, US
[71] LAYFIELD GROUP LIMITED, CA
[22] 2017-12-14
[41] 2018-06-16
[30] US (62435584) 2016-12-16

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 33/068 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **FRAC STACK**
[54] **EMPILEMENT DE FRACTURATION**
[72] GUIDRY, KIRK, US
[71] CAMERON INTERNATIONAL CORPORATION, US
[22] 2017-12-14
[41] 2018-06-14
[30] US (62/433,923) 2016-12-14
[30] US (15/837,176) 2017-12-11

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[13] A1
[51] **Int.Cl. B25B 23/10 (2006.01) B25B 23/08 (2006.01)**
[25] EN
[54] **A SCREW INSTALLATION AID FOR HOLDING AND ALIGNING A SCREW**
[54] **UNE AIDE D'INSTALLATION DE VIS SERVANT A TENIR ET ALIGNER UNE VIS**
[72] RENSBURG, MARKUS, DE
[71] RENSBURG, MARKUS, DE
[22] 2017-12-14
[41] 2018-06-14
[30] DE (20 2016 007 588.9) 2016-12-14

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[21] **2,988,851**
[13] A1
[51] **Int.Cl. E04G 21/22 (2006.01)**
[25] EN
[54] **BRICK LAYERING SYSTEM**
[54] **SYSTEME DE POSE DE BRIQUES**
[72] SLAVINSKI, BENOIT, CA
[72] LEGENDRE, LUDOVIC, CA
[71] SLAB INNOVATION INC., CA
[22] 2017-12-14
[41] 2018-06-14
[30] CA (2,951,663) 2016-12-14

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[21] **2,988,864**
[13] A1
[51] **Int.Cl. F25D 3/08 (2006.01) F25D 3/06 (2006.01) F25D 23/00 (2006.01)**
[25] EN
[54] **WHEEL ADAPTER TO CONVERT A STORAGE CONTAINER TO A WHEELED STORAGE CONTAINER**
[54] **ADAPTATEUR DE ROUE SERVANT A CONVERTIR UN CONTENANT DE RANGEMENT EN UN CONTENANT DE RANGEMENT SUR ROUES**
[72] PEARSON, STEPHEN, US
[71] CABELA'S INCORPORATED, US
[22] 2017-12-14
[41] 2018-06-14
[30] US (62/434,302) 2016-12-14

[21] **2,988,866**
[13] A1
[51] **Int.Cl. H01R 25/16 (2006.01) A47B 77/08 (2006.01)**
[25] EN
[54] **KITCHEN APPLIANCE ASSEMBLY AND METHOD OF CONVERTING A KITCHEN HAVING ONE OF A SLIDE-IN AND DROP-IN APPLIANCE TO A KITCHEN HAVING BUILT-IN APPLIANCES**
[54] **ENSEMBLE D'APPAREIL ELECTROMENAGER ET METHODE DE CONVERSION D'UNE CUISINE COMPORTANT UN D'UN APPAREIL ELECTROMENAGER A DEPOSER OU A COULISSER EN UNE CUISINE COMPORTANT DES APPAREILS ELECTROMENAGERS ENCASTRES**
[72] BOYKIW, ROBERT ALAN, CA
[71] EURO SUN CORP., BB
[22] 2017-12-14
[41] 2018-06-14
[30] US (15/379,308) 2016-12-14

[21] **2,988,872**
[13] A1
[51] **Int.Cl. G16H 20/60 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RECIPE AND MENU CREATION BASED UPON INGREDIENT INFORMATION**
[54] **SYSTEME ET METHODE DE CREATION DE RECETTE ET DE MENU FONDES SUR L'INFORMATION RELATIVE AUX INGREDIENTS**
[72] ROSS, JASON, US
[72] RODRIGUEZ CALL, MICHELLE, US
[71] SAGE DINING SERVICES, INC., US
[22] 2017-12-14
[41] 2018-06-14
[30] US (62/434,104) 2016-12-14

[21] **2,988,873**
[13] A1
[51] **Int.Cl. F16L 55/163 (2006.01) F16L 55/18 (2006.01)**
[25] EN
[54] **PROTRUSION PATCH, METHOD OF INSTALLATION AND USE, AND MEASUREMENT OF QUALITY**
[54] **PIECE EN SAILLIE, METHODE D'INSTALLATION ET UTILISATION, ET MESURE DE LA QUALITE**
[72] MCKAIGUE, SHAUN, CA
[72] RAMSAY, GERRY, CA
[71] FER-PAL CONSTRUCTION LTD., CA
[22] 2017-12-14
[41] 2018-06-14
[30] US (62434206) 2016-12-14

[21] **2,988,875**
[13] A1
[51] **Int.Cl. E21B 7/24 (2006.01) E21B 28/00 (2006.01)**
[25] EN
[54] **DOWNHOLE VIBRATION TOOL**
[54] **OUTIL DE VIBRATION DE FOND DE TROU**
[72] KUTINSKY, DAVID P., CA
[71] KUTINSKY, DAVID P., CA
[22] 2017-12-14
[41] 2018-06-14
[30] US (62434101) 2016-12-14

[21] **2,988,888**
[13] A1
[51] **Int.Cl. E06B 3/263 (2006.01)**
[25] EN
[54] **RESERVE CLADDING BIASING**
[54] **INCLINAISON DE REVETEMENT DE RESERVE**
[72] HOOGLAND, JONATHAN S., US
[72] MILLER, SCOT C., US
[72] BLACK, RANDY L., US
[72] JUNGLING, JASON L., US
[71] PELLA CORPORATION, US
[22] 2017-12-14
[41] 2018-06-16
[30] US (62/435,215) 2016-12-16

[21] **2,988,889**
[13] A1
[51] **Int.Cl. A47L 11/30 (2006.01) A47L 11/29 (2006.01) A47L 11/292 (2006.01)**
[25] EN
[54] **FLOOR SCRUBBER DRY SWEEP APPARATUS**
[54] **APPAREIL DE RECURAGE A SEC DES PLANCHERS**
[72] PERSON, BARRY M., US
[72] SHEEHAN, KEVIN P., US
[72] KNOWLTON, CHRISTOPHER M., US
[71] MINUTEMAN INTERNATIONAL, INC., US
[22] 2017-12-14
[41] 2018-06-15
[30] US (15/379,805) 2016-12-15

[21] **2,988,895**
[13] A1
[51] **Int.Cl. G01S 5/06 (2006.01) H04W 64/00 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED GEOLOCATION IN A LOW POWER WIDE AREA NETWORK**
[54] **SYSTEMES ET METHODES D'AMELIORATION DE LA GEOLOCALISATION DANS UN RESEAU ETENDU A FAIBLE PUISSANCE**
[72] VERSTEEG, WILLIAM CARROLL, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-12-13
[41] 2018-06-16
[30] US (62/435,422) 2016-12-16

[21] **2,988,932**
[13] A1
[51] **Int.Cl. E04G 3/28 (2006.01)**
[25] EN
[54] **A SYSTEM COMPRISING A ROTATABLE WORK PLATFORM**
[54] **UN SYSTEME COMPRENANT UNE PLATEFORME DE TRAVAIL PIVOTANTE**
[72] MATIKAINEN, PEKKA, FI
[72] KOSKENSALO, KIMMO, FI
[71] SCANCLIMBER OY, FI
[22] 2017-12-13
[41] 2018-06-14
[30] EP (16397535.2) 2016-12-14

[21] **2,988,956**
[13] A1
[51] **Int.Cl. E21B 34/02 (2006.01) E21B 33/04 (2006.01) F16K 15/18 (2006.01) F16K 17/10 (2006.01)**
[25] EN
[54] **TESTABLE BACK PRESSURE VALVES**
[54] **SOUPAPES DE RETENUE TESTABLES**
[72] MONTOYA, JAMES DANIEL, US
[72] LYNCH, HEATH EVAN, US
[72] PAINTER, JAY PATRICK, US
[72] ARCHULETA, JACOBO ROGELIO, US
[71] CHEVRON U.S.A. INC., US
[22] 2017-12-13
[41] 2018-06-13
[30] US (62/433542) 2016-12-13

[21] **2,988,962**
[13] A1
[51] **Int.Cl. F01D 25/10 (2006.01) B64D 33/08 (2006.01) B64D 37/34 (2006.01) F01D 25/18 (2006.01) F01M 5/02 (2006.01) F02C 7/06 (2006.01) F02C 7/26 (2006.01) F28F 27/00 (2006.01)**
[25] EN
[54] **OIL HEATING SYSTEM ADAPTED FOR TURBINE ENGINE TO REDUCE STARTING TORQUE**
[54] **SYSTEME DE CHAUFFAGE D'HUILE ADAPTE POUR UN MOTEUR DE TURBINE AFIN DE REDUIRE LE COUPLE DE DEMARRAGE**
[72] SEGURA MARTINEZ DE ILARDUYA, LEIRE, ES
[72] JUAREZ BECERRIL, ALBERTO, ES
[72] DEMELAS, SALVATORE, ES
[71] AIRBUS OPERATIONS, S.L., ES
[22] 2017-12-13
[41] 2018-06-14
[30] EP (16382600.1) 2016-12-14

[21] **2,988,969**
[13] A1
[51] **Int.Cl. E21B 34/02 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **TESTABLE BACK PRESSURE VALVES**
[54] **SOUPAPES DE RETENUE TESTABLES**
[72] MONTOYA, JAMES DANIEL, US
[72] LYNCH, HEATH EVAN, US
[72] PAINTER, JAY PATRICK, US
[72] ARCHULETA, JACOBO ROGELIO, US
[71] CHEVRON U.S.A. INC., US
[22] 2017-12-13
[41] 2018-06-13
[30] US (62/433555) 2016-12-13

[21] **2,989,006**
[13] A1
[51] **Int.Cl. A61F 7/02 (2006.01) A61F 7/10 (2006.01)**
[25] EN
[54] **JOINT COMPRESS COLD PACK**
[54] **COMPRESSE FROIDE A COMPRESSION D'ARTICULATION**
[72] LANDEN, BENJAMIN TROY, US
[72] BAILEY, PRESCOTT FOSTER, US
[71] PENGUIN FINGERS, LLC, US
[22] 2017-12-15
[41] 2018-06-15
[30] US (62/434,515) 2016-12-15

[21] **2,989,020**
[13] A1
[51] **Int.Cl. H01L 31/18 (2006.01) H01M 10/46 (2006.01)**
[25] FR
[54] **FABRICATION METHOD FOR A PHOTOVOLTAIC MODULE AND PHOTOVOLTAIC MODULE THUS OBTAINED**
[54] **PROCEDE DE FABRICATION D'UN MODULE PHOTOVOLTAIQUE ET MODULE PHOTOVOLTAIQUE AINSI OBTENU**
[72] BERTRAND, MELANIE, FR
[72] ALLAIS, FRANCOIS, FR
[72] MWAURA, JEREMIAH K., FR
[71] ARMOR, FR
[22] 2017-12-15
[41] 2018-06-16
[30] FR (FR 16 62616) 2016-12-16

[21] **2,989,022**
[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) B60N 3/00 (2006.01)**
[25] EN
[54] **VEHICULAR SEAT BACK TABLE**
[54] **TABLE DE DOSSIER DE SIEGE DE VEHICULE**
[72] OH, HYUNG JONG, KR
[71] OH, HYUNG JONG, KR
[22] 2017-12-14
[41] 2018-06-16
[30] KR (10-2016-0172368) 2016-12-16

[21] **2,989,023**
[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) G01D 21/02 (2006.01)**
[25] EN
[54] **SENSOR DEVICE, SYSTEMS, AND METHODS FOR DETERMINING FLUID PARAMETERS**
[54] **DISPOSITIF CAPTEUR, SYSTEMES ET METHODES DE DETERMINATION DES PARAMETRES D'UN FLUIDE**
[72] VAN POL, JOHANNES HUBERTUS GERARDUS, CA
[72] VAN POL, ANOUK, CA
[72] BOGERMAN, HUIBERT AREN, NL
[71] INGU SOLUTIONS INC., CA
[22] 2017-12-15
[41] 2018-06-15
[30] US (62/434860) 2016-12-15

[21] **2,989,027**
[13] A1
[51] **Int.Cl. G01M 3/00 (2006.01) G01D 21/02 (2006.01)**
[25] EN
[54] **SENSOR DEVICE, SYSTEMS, AND METHODS FOR IDENTIFYING LEAKS IN A FLUID CONDUIT**
[54] **DISPOSITIF CAPTEUR, SYSTEMES ET METHODES DE DETERMINATION DES FUITES DANS UN CONDUIT DE FLUIDE**
[72] VAN POL, JOHANNES HUBERTUS GERARDUS, CA
[72] VAN POL, ANOUK, CA
[72] BOGERMAN, HUIBERT AREN, NL
[71] INGU SOLUTIONS INC., CA
[22] 2017-12-15
[41] 2018-06-15
[30] US (62/434860) 2016-12-15

[21] **2,989,028**
[13] A1
[51] **Int.Cl. E04F 13/077 (2006.01) E04F 13/14 (2006.01) E04F 13/16 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **BUILDING MATERIAL CLADDING COMPONENTS AND METHODS**
[54] **COMPOSANTES DE REVETEMENT MATERIEL DE BATIMENT ET METHODES**
[72] SERINO, ROLAND, US
[72] PRESTON, WILLIAM, US
[72] LOMBARDI, ROBERT, US
[71] DRYVIT SYSTEMS, INC., US
[22] 2017-12-15
[41] 2018-06-15
[30] US (62/434,691) 2016-12-15

[21] **2,989,060**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 63/00 (2006.01) A63B 69/36 (2006.01)**
[25] EN
[54] **HOCKEY PUCK REBOUNDER AND TRAINING DEVICE**
[54] **DISPOSITIF DE REBOND DE RONDELLE DE HOCKEY ET APPAREIL D'ENTRAINEMENT**
[72] LYONS, CRAIG M., US
[72] ZORETIC, MARKO R., US
[72] ZORETIC, LUKA J., US
[71] KRUSADER LLC, US
[22] 2017-12-14
[41] 2018-06-15
[30] US (62/525694) 2017-06-27
[30] US (62/434946) 2016-12-15

[21] **2,989,073**
[13] A1
[51] **Int.Cl. G02B 6/36 (2006.01)**
[25] EN
[54] **PLUG WITH ROTATABLE RELEASE MECHANISM**
[54] **BOUCHON DOTE D'UN MECANISME DE DEGAGEMENT PAR ROTATION**
[72] LEVY, MOISE, CA
[71] BELDEN CANADA INC., CA
[22] 2017-12-13
[41] 2018-06-15
[30] US (62/434,544) 2016-12-15

[21] **2,989,080**
[13] A1
[51] **Int.Cl. E21B 33/068 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DRY INJECTING BALLS FOR WELLBORE OPERATIONS**
[54] **APPAREIL ET METHODE D'INJECTION A SEC DE BALLES DANS LES OPERATIONS DE TROU DE FORAGE**
[72] CHEREWYK, BORIS (BRUCE) P., CA
[71] ISOLATION EQUIPMENT SERVICES INC., CA
[22] 2017-12-15
[41] 2018-06-16
[30] US (62/435,082) 2016-12-16

[21] **2,989,202**
[13] A1
[51] **Int.Cl. A63F 7/06 (2006.01) A63F 7/07 (2006.01) A63F 7/36 (2006.01)**
[25] EN
[54] **GAME TABLE**
[54] **TABLE DE JEU**
[72] FARLEY, PATRICK, US
[71] INDIAN INDUSTRIES, INC., US
[22] 2017-12-15
[41] 2018-06-16
[30] US (15/381,331) 2016-12-16

[21] **2,989,218**
[13] A1
[51] **Int.Cl. G06K 9/78 (2006.01) G06K 9/46 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTAINER CODE RECOGNITION**
[54] **METHODE ET SYSTEME DE RECONNAISSANCE DE CODE DE CONTENANT**
[72] SHARMA, MONIKA, IN
[72] VIG, LOVEKESH, IN
[72] HEBBALAGUPPE, RAMYA SUGNANA MURTHY, IN
[72] HASSAN, EHTESHAM, IN
[72] VERMA, ANKIT, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2017-12-14
[41] 2018-06-16
[30] IN (201621042986) 2016-12-16

[21] **2,989,345**
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01) E04F 11/02 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **PIVOTAL GANGWAY HAVING CONTAINER SPOTTING SYSTEM**
[54] **PASSERELLE PIVOTANTE COMPORTANT UN SYSTEME DE REPERAGE DE CONTENANT**
[72] MCKINNEY, JASON RONALD, US
[72] REICHERT, JEFF W., US
[71] SAFE RACK, LLC, US
[22] 2017-12-15
[41] 2018-06-16
[30] US (62/435,308) 2016-12-16

[21] **2,989,358**
[13] A1
[51] **Int.Cl. B62K 5/10 (2013.01) B62K 5/027 (2013.01) B62K 5/05 (2013.01)**
[25] EN
[54] **LEANING VEHICLE**
[54] **VEHICULE INCLINE**
[72] OHNO, KOHSUKE, JP
[72] SANO, TAKAYUKI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2017-12-15
[41] 2018-06-15
[30] JP (2016-243289) 2016-12-15

[21] **2,989,479**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/12 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR RECOVERY OF A TARGET SUBSTANCE FROM A SUBTERRANEAN RESERVOIR**
[54] **METHODES ET SYSTEMES DE RECUPERATION D'UNE SUBSTANCE CIBLE D'UN RESERVOIR SOUTERRAIN**
[72] GATES, IAN D., CA
[72] AUSTIN-ADIGIO, MAUREEN E., CA
[72] WANG, JINGYI (JACKY), CA
[71] UTI LIMITED PARTNERSHIP, CA
[22] 2017-12-18
[41] 2018-06-16
[30] US (62/435,524) 2016-12-16

[21] **2,999,586**
[13] A1
[51] **Int.Cl. B62H 3/00 (2006.01)**
[25] EN
[54] **BICYCLE STAND AND A METHOD OF ASSEMBLING A BICYCLE**
[54] **SUPPORT A BICYCLETTE ET METHODE D'ASSEMBLAGE D'UNE BICYCLETTE**
[72] SZORDYKOWSKI, KARL, CA
[71] SZORDYKOWSKI, KARL, CA
[22] 2018-03-28
[41] 2018-06-12

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[21] **3,000,082**
[13] A1
[51] **Int.Cl. E04C 1/00 (2006.01) E02D 29/02 (2006.01)**
[25] EN
[54] **REVERSIBLE SEGMENTAL RETAINING WALL BLOCK, MOLDS AND METHODS FOR MANUFACTURING SAME, AND METHODS OF FORMING RETAINING WALLS WITH SAME**
[54] **BLOC DE MUR DE SOUTENEMENT A SEGMENT REVERSIBLE, MOULES ET METHODES DE FABRICATION ASSOCIEE, ET METHODE DE FORMATION DE MURS DE SOUTENEMENT AU MOYEN DESDITS BLOCS**
[72] NICOL, BROCK, CA
[72] MATYS, TYLER, CA
[71] RISI STONE INC., CA
[22] 2018-04-03
[41] 2018-06-13
[30] US (62/567,503) 2017-10-03

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[21] **3,000,120**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/46 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CALCULATING A WIND ATTENUATION CAUSED BY AN OBSTACLE IN A SIMULATION**
[54] **METHODE ET SYSTEME DE CALCUL DE L'ATTENUATION DU VENT CAUSE PAR UN OBSTACLE DANS UNE SIMULATION**
[72] NADEAU BEAULIEU, MICHEL, CA
[72] TARDIF, JEAN, CA
[71] CAE INC., CA
[22] 2018-03-29
[41] 2018-06-13

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[21] **3,000,122**
[13] A1
[51] **Int.Cl. G01S 5/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING A POSITION OF A MICROPHONE**
[54] **METHODE ET SYSTEME DE DETERMINATION D'UNE POSITION D'UN MICROPHONE**
[72] AYOTTE, MAXIME, CA
[72] DESMET, LAURENT, CA
[71] CAE INC., CA
[22] 2018-03-29
[41] 2018-06-11

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[21] **3,000,443**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **STANDARD OPERATING PROCEDURES FEEDBACK DURING AN INTERACTIVE COMPUTER SIMULATION**
[54] **COMMENTAIRE SUR DES PROCEDURES OPERATIONNELLES NORMALES PENDANT UNE SIMULATION INFORMATIQUE INTERACTIVE**
[72] DELISLE, JEAN-FRANCOIS, CA
[72] DUFOUR, ANTHOINE, CA
[72] PROULX, MARC-ANDRE, CA
[72] HO, DAC TOAN, CA
[71] CAE INC., CA
[22] 2018-04-06
[41] 2018-06-11
[30] US (15/942,401) 2018-03-30

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[21] **3,000,448**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **RECERTIFICATION OF AN INTERACTIVE COMPUTER SIMULATION STATION**
[54] **RECERTIFICATION D'UN POSTE DE SIMULATION INFORMATIQUE INTERACTIVE**
[72] LAMONTAGNE, LOUIS, CA
[72] GORDON, MICHAEL, CA
[72] DORE, JONATHAN, CA
[72] CHORKAWY, GREGORY, CA
[71] CAE INC., CA
[22] 2018-04-06
[41] 2018-06-11
[30] US (15/941,894) 2018-03-30

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[21] **3,000,452**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **ASSESSING A TRAINING ACTIVITY PERFORMED BY A USER IN AN INTERACTIVE COMPUTER SIMULATION**
[54] **EVALUATION D'UNE ACTIVITE D'ENTRAINEMENT REALISEE PAR UN UTILISATEUR DANS UNE SIMULATION INFORMATIQUE INTERACTIVE**
[72] DELISLE, JEAN-FRANCOIS, CA
[72] DUFOUR, ANTHOINE, CA
[72] PROULX, MARC-ANDRE, CA
[71] CAE INC., CA
[22] 2018-04-06
[41] 2018-06-13
[30] US (15/942,394) 2018-03-30

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[21] **3,000,461**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **DYNAMICALLY MODIFYING VISUAL RENDERING OF A VISUAL ELEMENT COMPRISING A VISUAL CONTOURING ASSOCIATED THEREWITH**
[54] **MODIFICATION DYNAMIQUE D'UN RENDU VISUEL D'UN ELEMENT VISUEL COMPORTANT UN CONTOUR VISUEL ASSOCIE**
[72] LASNIER, SYLVAIN, CA
[71] CAE INC., CA
[22] 2018-04-06
[41] 2018-06-11
[30] US (15/941,951) 2018-03-30

[21] **3,000,463**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G06F 17/17 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **PERFORMANCE METRICS IN AN INTERACTIVE COMPUTER SIMULATION**
[54] **MESURES DE RENDEMENT DANS UNE SIMULATION INFORMATIQUE INTERACTIVE**
[72] DELISLE, JEAN-FRANCOIS, CA
[72] DUFOUR, ANTHOINE, CA
[71] CAE INC., CA
[22] 2018-04-06
[41] 2018-06-11
[30] US (15/942,404) 2018-03-30

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[21] **3,000,474**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01) G09B 9/30 (2006.01)**
[25] EN
[54] **DYNAMICALLY AFFECTING TAILORED VISUAL RENDERING OF A VISUAL ELEMENT**
[54] **MODIFICATION DYNAMIQUE DE RENDU VISUEL ADAPTE D'UN ELEMENT VISUEL**
[72] LASNIER, SYLVAIN, CA
[71] CAE INC., CA
[22] 2018-04-06
[41] 2018-06-12
[30] US (15/942,005) 2018-03-30

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[21] **3,000,476**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G05D 23/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLABLY ADJUSTING TEMPERATURE OF A TRAINING AREA OF AN INTERACTIVE TRAINING SIMULATOR**
[54] **SYSTEME ET METHODE D'AJUSTEMENT CONTROLABLE DE LA TEMPERATURE D'UNE ZONE D'ENTRAINEMENT D'UN SIMULATEUR D'ENTRAINEMENT INTERACTIF**
[72] DEBONVILLE, ERIC, CA
[72] LABELLE, SEBASTIEN, CA
[71] CAE INC., CA
[22] 2018-04-06
[41] 2018-06-12
[30] US (15/942,033) 2018-03-30

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[54] **SYSTEMES ET METHODES DESTINES A UN ENTRAINEMENT SUR APPAREIL TELECOMMANDE**
[72] DUBE, MARIO, CA
[71] CAE INC., CA
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[54] **LIQUID TREATMENT CARTRIDGE, SET OF SUCH CARTRIDGES AND METHOD OF MANUFACTURING IT**
[54] **CARTOUCHE DE TRAITEMENT DE LIQUIDE, ENSEMBLE DE CARTOUCHES DE CE TYPE ET LEUR PROCEDE DE PREPARATION**
[72] ZOLLER, JOCHEN, DE
[71] BRITA GMBH, DE
[85] 2017-07-07
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[54] **SECURITY CHECK SYSTEM AND METHOD**
[54] **SYSTEME DE VERIFICATION DE SECURITE ET METHODE**
[72] CHEN, ZHIQIANG, CN
[72] ZHANG, LI, CN
[72] PENG, GANG, CN
[72] DAI, ZHISHENG, CN
[71] NUCTECH COMPANY LIMITED, CN
[85] 2018-03-14
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[30] CN (201611168867.3) 2016-12-16

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[25] EN
[54] **METHODS FOR PRODUCING POTASSIUM SULFATE AND SODIUM CHLORIDE FROM WASTEWATER**
[54] **METHODES DE PRODUCTION DE SULFATE DE POTASSIUM ET DE CHLORURE DE SODIUM A PARTIR DES EAUX USEES**
[72] BESSENET, SEBASTIEN, US
[72] FENG, JINHAI, SG
[72] RIEKE, JAMES, US
[72] RITTOF, TIMOTHY, US
[71] VEOLIA WATER TECHNOLOGIES, INC., US
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[54] **STEREORADIOGRAPHY MEASUREMENT OF ARTHROPLASTY IMPLANT LOOSENING**
[54] **MESURE STEREOGRAPHIQUE DE RELACHEMENT D'IMPLANT D'ARTHROPLASTIE**
[72] GIPHART, JOHAN ERIK, CA
[72] MUNRO, CHAD, CA
[71] HALIFAX BIOMEDICAL INC., CA
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[25] EN
[54] **FLUID RETAINER CARTRIDGE ASSEMBLY AND METHOD FOR UTILIZING THE SAME**
[54] **DISPOSITIF DE CARTOUCHE DE RETENTION DE FLUIDE ET METHODE D'UTILISATION DUDIT DISPOSITIF**
[72] KLEIN, FRANK ERIC, US
[72] WHEELER, ANDREW JOHN, US
[72] DENHARTIGH, ANDREW JOHN, US
[72] HOERNER, WILLIAM, US
[72] BORICH, DAMON, US
[72] OBREGON, ZWCKXALLY, US
[72] GRBAVAC, ANDREA, US
[72] BORICH, KAREN, US
[72] SILVEYRA, ALEJANDRO, US
[71] NEOGEN CORPORATION, US
[85] 2018-01-09
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[30] US (62/439,568) 2016-12-28

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[54] **MONITORING SYSTEM AND METHOD FOR A VEHICLE WITH A DUMP BODY**
[54] **SYSTEME ET METHODE DE SURVEILLANCE D'UN VEHICULE EQUIPE D'UN CORPS DE BENNE**
[72] GAGNON, ALLEN JOSEPH MARC, CA
[71] CLERAL INC., CA
[85] 2018-02-21
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[25] EN
[54] **DEVICE AND METHOD OF TREATING CONDITIONS ASSOCIATED WITH NEUROINFLAMMATION**
[54] **DISPOSITIF ET METHODE DE TRAITEMENT D'ETATS ASSOCIES A LA NEUROINFLAMMATION**
[72] ZERBE, HORST G., CA
[72] OBEID, RODOLPHE, CA
[72] CONWAY, JUSTIN W., CA
[72] PAIEMENT, NADINE, CA
[72] AIGNER, LUDWIG, DE
[71] INTELGENX CORP., CA
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[25] EN
[54] **EXCIPIENT COMPOUNDS FOR BIOPOLYMER FORMULATIONS**
[54] **COMPOSES EXCIPIENTS POUR DES FORMULATIONS DE BIOPOLYMERES**
[72] SOANE, DAVID S., US
[72] WUTHRICH, PHILIP, US
[72] PORTILLA, ROSA CASADO, US
[72] MAHONEY, ROBERT P., US
[72] MOODY, MARK, US
[72] GREENE, DANIEL G., US
[71] REFORM BIOLOGICS, LLC, US
[85] 2018-04-17
[86] 2016-10-21 (PCT/US2016/058169)
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[51] **Int.Cl. B67D 1/08 (2006.01) F16M 1/00 (2006.01) F25C 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AN ICEMAKER ADAPTER**
[54] **PROCEDE ET APPAREIL POUR ADAPTATEUR DE MACHINE A GLACONS**
[72] DERBY, JACK, US
[72] LONG, KEVIN R., US
[72] GLIDDEN, BRADLEY R., US
[72] ANGELICA, MICHAEL, US
[71] LANCER CORPORATION, US
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[25] EN
[54] **AROMATIC-CATIONIC PEPTIDES CONJUGATED TO ANTIOXIDANTS AND THEIR USE IN TREATING COMPLEX REGIONAL PAIN SYNDROME**
[54] **PEPTIDES AROMATIQUES-CATIONIQUES CONJUGUES A DES ANTIOXYDANTS ET LEUR UTILISATION DANS LE TRAITEMENT D'UN SYNDROME DOULOUREUX REGIONAL COMPLEXE**
[72] SCHILLER, PETER, CA
[72] BEREZOWSKA, IRENA, CA
[71] SCHILLER, PETER, CA
[71] BEREZOWSKA, IRENA, CA
[85] 2018-05-29
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[25] EN
[54] **PEPTIDE OLIGONUCLEOTIDE CONJUGATES**
[54] **CONJUGUES PEPTIDE-OLIGONUCLEOTIDE**
[72] HANSON, GUNNAR J., US
[72] ZHOU, MING, US
[71] SAREPTA THERAPEUTICS, INC., US
[85] 2018-05-29
[86] 2016-12-14 (PCT/US2016/066595)
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[54] **FOOD PRODUCT FOR REGULATING LIPID METABOLITES AND METHODS**
[54] **PRODUIT ALIMENTAIRE REGULANT LES METABOLITES DES LIPIDES ET PROCEDES ASSOCIES**
[72] ALLAWAY, DAVID, GB
[72] HEWSON-HUGHES, ADRIAN, GB
[71] MARS, INCORPORATED, US
[85] 2018-05-29
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[25] EN
[54] **CANCER PREVENTION AND THERAPY BY INHIBITING SOLUBLE TUMOR NECROSIS FACTOR**
[54] **PREVENTION ET TRAITEMENT DU CANCER PAR INHIBITION DU FACTEUR DE NECROSE TUMORALE SOLUBLE**
[72] VUJANOVIC, NIKOLA L., US
[72] VUJANOVIC, LAZAR, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-05-29
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[54] **IMMUNOMODULATING COMPOSITION FOR TREATMENT**
[54] **COMPOSITION IMMUNOMODULATRICE POUR LE TRAITEMENT**
[72] DUTTON, JULIE, AU
[72] FRAZER, IAN, AU
[71] ADMEDUS VACCINES PTY LTD, AU
[85] 2018-05-30
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[51] **Int.Cl. F16M 11/18 (2006.01) F16M 11/42 (2006.01)**
[25] EN
[54] **SYSTEM FOR MOVING ELECTRICALLY POWERED APPARATUSES**
[54] **SYSTEME SERVANT A DEPLACER DES APPAREILS A ALIMENTATION ELECTRIQUE**
[72] CECCATO, LUIGI, IT
[72] VLASANOVIC', MIRO, IT
[71] I MOD S.A.S. DI CECCATO LUIGI & C, IT
[85] 2018-05-30
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING MIGRAINE AND CONDITIONS ASSOCIATED WITH PAIN**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MIGRAINE ET D'ETATS PATHOLOGIQUES ASSOCIES A LA DOULEUR**
[72] BAUER, WILLIAM, US
[72] LIEDTKE, WOLFGANG, US
[72] FRANGAKIS, CRIST J., US
[71] ACHELIOS THERAPEUTICS INC., US
[85] 2018-05-30
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[51] **Int.Cl. A47C 19/20 (2006.01) A47C 19/02 (2006.01) F16B 7/08 (2006.01)**
[25] EN
[54] **STRUCTURE FOR CONNECTING A STAND POLE AND A BEAM OF A BUNK BED AND A BUNK BED USING THE STRUCTURE**
[54] **STRUCTURE POUR RELIER UN MONTANT ET UNE POUTRE DE LIT SUPERPOSE, ET LIT SUPERPOSE UTILISANT LA STRUCTURE**
[72] LENG, LUHAO, CN
[71] NEW-TEC INTEGRATION (XIAMEN) CO., LTD., CN
[85] 2018-05-31
[86] 2017-02-23 (PCT/CN2016/111390)
[87] (WO2017/107935)
[30] CN (201510995338.X) 2015-12-25

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[25] EN
[54] **UNMANNED AERIAL VEHICLE RECOVERY SYSTEM**
[54] **SYSTEME DE RETABLISSEMENT DE VEHICULE AERIEN SANS PILOTE**
[72] CLARK, ROBERT PARKER, US
[71] KESPRY INC., US
[85] 2018-05-30
[86] 2016-05-16 (PCT/US2016/032733)
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[51] **Int.Cl. F25J 3/02 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SEPARATING NITROGEN FROM LIQUEFIED NATURAL GAS USING LIQUEFIED NITROGEN**
[54] **PROCEDE ET SYSTEME POUR SEPARER L'AZOTE D'UN GAZ NATUREL LIQUEFIE A L'AIDE D'AZOTE LIQUEFIE**
[72] PIERRE, FRITZ, JR., US
[72] HUNTINGTON, RICHARD A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF INDOCYANINE GREEN**
[54] **PROCEDE AMELIORE DE PREPARATION DE VERT D'INDOCYANINE**
[72] VYAS, JANMEJAY RAJNIKANT, IN
[72] DHOTRE, HIMANI, IN
[72] SARMA, NARASIMHA, IN
[72] PATEL, BABULAL R., IN
[72] SHARMA, DINESH KUMAR, IN
[72] PATEL, DILIP N., IN
[72] SONI, ASHISH A., IN
[71] DISHMAN PHARMACEUTICALS AND CHEMICALS LIMITED, IN
[85] 2018-05-31
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[54] **PHOSPHATES CYCLIQUES ET PHOSPHORAMIDATES CYCLIQUES POUR LE TRAITEMENT DE TROUBLES NEUROLOGIQUES**
[72] BECONI, MARIA, US
[72] ELBAUM, DANIEL, US
[72] HARPER, STEVEN, IT
[72] MALANCONA, SAVINA, IT
[71] RETROPHIN, INC., US
[85] 2018-05-31
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[25] EN
[54] **CHEMICAL REPROGRAMMING OF HUMAN GLIAL CELLS INTO NEURONS WITH SMALL MOLECULE COCKTAIL**
[54] **REPROGRAMMATION CHIMIQUE DE CELLULES GLIALES HUMAINES EN NEURONES A L'AIDE D'UN COCKTAIL DE PETITES MOLECULES**
[72] CHEN, GONG, US
[72] ZHANG, LEI, US
[72] YIN, JIUCHAO, US
[72] MA, NINGXIN, US
[71] THE PENN STATE RESEARCH FOUNDATION, US
[85] 2018-05-31
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[25] EN
[54] **PPAR-GAMMA ACTIVATORS AND THEIR THERAPEUTICAL USAGES**
[54] **ACTIVATEURS PPAR-GAMMA ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] ANTAKLY, TONY, CA
[71] THERIAC BIOMEDICALE INC., CA
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[51] **Int.Cl. G01M 3/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF DETECTING BREACHES IN PIPELINES**
[54] **APPAREIL ET PROCEDE DE DETECTION DE BRECHES DANS DES CONDUITES**
[72] INKPEN, STUART, CA
[72] NOLAN, CHRIS, CA
[72] CONWAY, BILL, CA
[72] LINFIELD, DANA, CA
[72] BONNELL, DAVID, CA
[72] SWAMIDAS, JOSHUA, CA
[71] INSTRUMAR LIMITED, CA
[85] 2018-06-01
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[25] EN
[54] **EXTRACTION AND PROCESS FOR ACTIVE THYLAKOID MEMBRANES**
[54] **PROCEDE D'EXTRACTION POUR MEMBRANES THYLACOIDES ACTIVES**
[72] BOUCHER, NATHALIE, CA
[72] BOULET, ANDRE P., CA
[71] GROUPE SANTE DEVONIAN INC., CA
[85] 2018-06-01
[86] 2016-12-13 (PCT/CA2016/051467)
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[30] US (62/266,770) 2015-12-14

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[25] EN
[54] **NOVEL ANTI-PD-L1 ANTIBODIES**
[54] **NOUVEAUX ANTICORPS CONTRE PD-L1**
[72] QIAN, XUEMING, US
[72] FEI, TENG, CN
[72] LI, ZHEN, CN
[71] MABSPACE BIOSCIENCES (SUZHOU) CO., LTD, CN
[85] 2018-06-01
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[25] EN
[54] **MAGNETIC CLUTCH ARRANGEMENT AND APPARATUS COMPRISING A MAGNETIC CLUTCH ARRANGEMENT**
[54] **SYSTEME DE COUPLEUR MAGNETIQUE ET DISPOSITIF AVEC SYSTEME DE COUPLEUR MAGNETIQUE**
[72] LEWERENZ, JORG, DE
[72] NEHRING, MARCO, DE
[71] ITT BORNEMANN GMBH, DE
[85] 2018-06-01
[86] 2016-11-25 (PCT/EP2016/078869)
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[30] DE (10 2015 122 404.6) 2015-12-21

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[25] EN
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[54] **SYSTEME DE FOND DE TROU**
[72] VASQUES, RICARDO REVES, DK
[71] WELLTEC A/S, DK
[85] 2018-06-01
[86] 2016-12-16 (PCT/EP2016/081370)
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[30] EP (15201248.0) 2015-12-18
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[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) A61K 38/47 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **ENZYMATIC REPLACEMENT THERAPY AND ANTISENSE THERAPY FOR POMPE DISEASE**
[54] **THERAPIE ENZYMATIQUE SUBSTITUTIVE ET THERAPIE ANTISENS POUR LA MALADIE DE POMPE**
[72] VAN DER WAL, ERIK, NL
[72] BERGSMA, ATZE JACOBUS, NL
[72] PIJNAPPEL, WILHELMUS WENCESLAUS MATTHIAS, NL
[72] VAN DER PLOEG, ANTJE TJITSKE, NL
[72] REUSER, ARNOLDUS, NL
[71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL
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[51] **Int.Cl. B29D 30/48 (2006.01)**
[25] EN
[54] **DRUM SET FOR MANUFACTURING A BEAD-APEX FOR A TIRE AND ASSEMBLY COMPRISING SAID TOOLING**
[54] **ENSEMBLE DE TAMBOUR SERVANT A LA FABRICATION D'UNE BANDE DE ROULEMENT D'UN PNEU ET CONFIGURATION COMPORTANT LEDIT OUTIL**
[72] VAN LAAR, GERARDUS JOHANNES CATHARINA, NL
[72] VAN BEEK, WIM, NL
[72] SLOT, MARCO, NL
[71] VMI HOLLAND B.V., NL
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[54] **A PACKET FOR FRENCH FRIES AND A PLANO FOR ASSEMBLING SUCH PACKET**
[54] **PAQUET POUR FRITES ET ELEMENT PLAT PERMETTANT D'ASSEMBLER UN TEL PAQUET**
[72] VAN DIJK, DIRK, NL
[72] VERMEER, MIKE, NL
[71] LAMBWESTON/MEIJER VOF, NL
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[54] **LED DRIVER**
[54] **CIRCUIT D'ATTAQUE DE DIODE ELECTROLUMINESCENTE**
[72] SAES, MARC, NL
[72] VERBEEK, WILLEM JOHANNES MARIA, NL
[71] ELDOLAB HOLDING B.V., NL
[85] 2018-06-01
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[54] **SYSTEM AND METHOD FOR REAL TIME ASSAY MONITORING**
[54] **SYSTEME ET PROCEDE POUR SURVEILLANCE DE TEST EN TEMPS REEL**
[72] SEPULVEDA, JAVIER A. PEREZ, US
[72] CHENG, YU-HENG, US
[72] DUQUETTE, SETAREH, US
[72] JONES, LISA A., US
[72] LIN, CHIH-CHING, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
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[54] **DETERGENT COMPOSITIONS AND USES OF THE SAME**
[54] **COMPOSITIONS DETERGENTES ET UTILISATIONS DE CELLES-CI**
[72] SKAGERLIND, JAN PETER, SE
[71] NOVOZYMES A/S, DK
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[54] **LES PEPTIDES DERIVES DE LA COLLAGENASE ACTIVENT LA REGENERATION TISSULAIRE ET LA CICATRISATION DES PLAIES**
[72] HERMAN, IRA M., US
[72] DEMIDOVA-RICE, TATIANA, US
[71] TUFTS UNIVERSITY, US
[85] 2018-06-01
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR INTERACTING WITH CONTENT DISPLAYED ON HEAD-MOUNTED DISPLAYS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR ENTRER EN INTERACTION AVEC UN CONTENU AFFICHE SUR DES VISIOCASQUES**
[72] BAILEY, MATTHEW, CA
[72] ALEXANDER, STEFAN, CA
[71] THALMIC LABS INC., CA
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[25] EN
[54] **EMULSION POLYMERS AND STAIN RESISTANT COATING COMPOSITIONS MADE THEREFROM**
[54] **POLYMERES EN EMULSION ET COMPOSITIONS DE REVETEMENT RESISTANT AUX TACHES OBTENUES A PARTIR DESDITS POLYMERES**
[72] WU, WENJUN, US
[71] ARKEMA INC., US
[85] 2018-06-01
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[54] **METHOD FOR PRODUCING A LITHIUM FILM**
[54] **PROCEDE DE PRODUCTION D'UN FILM DE LITHIUM**
[72] BODOIN, EMILIE, US
[72] SWONGER, LARRY, US
[72] MASHTALIR, OLHA, US
[72] NGUYEN, MINH, US
[72] O'BRIEN, STEPHEN, US
[71] CLEAN LITHIUM CORPORATION, US
[71] RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US
[85] 2018-06-01
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[54] **THERMOELECTRIC DEVICES AND SYSTEMS**
[54] **DISPOSITIFS ET SYSTEMES THERMOELECTRIQUES**
[72] BOUKAI, AKRAM I., US
[72] THAM, DOUGLAS W., US
[72] LIANG, HAIFAN, US
[72] RUMINSKI, ANNE M., US
[72] MENDIRATTA, ARJUN, US
[71] MATRIX INDUSTRIES, INC., US
[85] 2018-06-01
[86] 2016-12-01 (PCT/US2016/064501)
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[54] **STORAGE-STABLE SOLID PEROXYMONOSULFATE COMPOSITION**
[54] **COMPOSITION SOLIDE STABLE EN STOCKAGE DE PEROXYMOSULFATE**
[72] POTNIS, SHASHANK VISHWANATH, IN
[72] CHAVAN, DEVENDRA, IN
[72] JHA, MANISHA, IN
[72] PLATA, ROLANDO B., IN
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **SYSTEMS, COMPUTER MEDIUM AND METHODS FOR MANAGEMENT TRAINING SYSTEMS**
[54] **SYSTEMES, SUPPORT INFORMATIQUE ET PROCEDES ASSOCIES A DES SYSTEMES D'APPRENTISSAGE DE GESTION**
[72] HORSEMAN, SAMANTHA J., SA
[72] MATTSON, BRENT W., SA
[71] SAUDI ARABIAN OIL COMAPNY, SA
[85] 2018-06-01
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[25] EN
[54] **SYSTEMS, PROTECTIVE CASINGS FOR SMARTPHONES, AND ASSOCIATED METHODS TO ENHANCE USE OF AN AUTOMATED EXTERNAL DEFIBRILLATOR (AED) DEVICE**
[54] **SYSTEMES, BOITIERS DE PROTECTION POUR SMARTPHONES ET PROCEDES ASSOCIES POUR AMELIORER L'UTILISATION D'UN DISPOSITIF DE DEFIBRILLATEUR EXTERNE AUTOMATISE (DEA)**
[72] HORSENMAN, SAMANTHA J., SA
[72] GONTER, CURTIS, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-06-01
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[25] EN
[54] **CONTROLLED RELEASE SOLID SCALE INHIBITORS**
[54] **INHIBITEURS D'ENTARTRAGE SOLIDES A LIBERATION CONTROLEE**
[72] DREYER, DANIEL R., US
[72] KURIAN, PIOUS, US
[71] ECOLAB USA INC., US
[85] 2018-06-01
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[25] EN
[54] **METHODS OF TREATMENT OF MALIGNANCIES**
[54] **PROCEDES DE TRAITEMENT DE TUMEURS MALIGNES**
[72] WU, BIN, US
[72] CHOE, SUNG EUN, US
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2018-06-01
[86] 2016-12-02 (PCT/US2016/064600)
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[25] EN
[54] **INTEGRATED AND COMPARTMENTALIZED SYSTEM FOR FOOD STORAGE AND PROCESSING**
[54] **SYSTEME INTEGRE ET COMPARTIMENTE POUR LE STOCKAGE ET LE TRAITEMENT D'ALIMENTS**
[72] TROSS, MARTIN, US
[72] HOFLEITNER, PETER, US
[71] TROSS, MARTIN, US
[71] PAHMET LLC, US
[71] HOFLEITNER, PETER, US
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[54] **WOUND TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DE PLAIES**
[72] JESSOP, ISRAEL, US
[71] LIFECELL CORPORATION, US
[85] 2018-05-31
[86] 2016-12-06 (PCT/US2016/065088)
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[54] **STATION A SOUPAPE D'ALARME INCENDIE POUR SYSTEME D'ALARME INCENDIE**
[72] POHL, MATTHIAS, DE
[71] MINIMAX GMBH & CO. KG, DE
[85] 2018-05-31
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[54] **TRACTION SPLINTS AND METHODS OF USING TRACTION SPLINTS**
[54] **ATTELLES DE TRACTION ET PROCEDES D'UTILISATION D'ATTELLES DE TRACTION**
[72] SLISHMAN, SAMUEL, US
[71] TRI-TECH FORENSICS, INC., US
[85] 2018-05-31
[86] 2015-11-24 (PCT/US2015/062429)
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[54] **LIGHT BARRIER COMPOSITIONS AND ARTICLES COMPRISING SAME**
[54] **COMPOSITIONS DE BARRIERE LUMINEUSE ET ARTICLES LES COMPRENANT**
[72] LI, SHENSHEN, US
[71] PLASTIPAK PACKAGING, INC., US
[85] 2018-05-31
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[54] **ANALYSE ASYNCHRONE D'UN FLUX DE DONNEES**
[72] TOLLET, JEROME, FR
[71] QOSMOS TECH., FR
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[54] **ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ET LEURS METHODES D'UTILISATION**
[72] WILSON, NICHOLAS S., US
[72] WAIGHT, JEREMY D., US
[72] RITTER, GERD, US
[72] SCHAER, DAVID, US
[72] HIRSCHHORN-CYMERMAN, DANIEL, US
[72] MERGHOUB, TAHA, US
[72] BREOUS-NYSTROM, EKATERINA V., CH
[72] SEIBERT, VOLKER, DE
[72] TSUJI, TAKEMASA, US
[72] LEGER, OLIVIER, FR
[72] UNDERWOOD, DENNIS J., US
[72] VAN DIJK, MARC, NL
[71] AGENUS INC., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD., CH
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[54] **COUPLEABLE FIN APPARATUSES AND BOOT TOE BODIES**
[54] **APPAREILS A PALME POUVANT ETRE COUPLES ET CORPS DE POINTE DE BOTTE**
[72] ORTWIG, JAN PETER, CA
[71] CETATEK HOLDINGS INC., CA
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[86] 2015-12-04 (PCT/CA2015/051278)
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[54] **ASSAINISSEUR D'AIR POUR VEHICULES**
[72] DEFLORIAN, STEFANO, IT
[72] SORDO, WALTER, IT
[71] ZOBELE HOLDING S.P.A., IT
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[25] EN
[54] **DOUBLE NETWORK HYDROGEL WITH ANIONIC POLYMER AND USES THEREOF**
[54] **HYDROGEL A DOUBLE RESEAU AVEC POLYMERE ANIONIQUE ET UTILISATIONS DE CELUI-CI**
[72] VAUGHN, MICHAEL AARON, US
[71] POLY-MED, INC., US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064682)
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[54] **STICKY TRAP FOR INSECTS**
[54] **PIEGE COLLANT POUR INSECTES**
[72] GOBBER, CEDRIC, ES
[72] LLORENTE ALONSO, JOAQUIM, ES
[72] JONSSON, ASA, IT
[71] ZOBELE HOLDING SPA, IT
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING IMMUNE RESPONSES AGAINST CELL THERAPIES**
[54] **COMPOSITIONS ET METHODES POUR REDUIRE LES REPONSES IMMUNITAIRES CONTRE LES THERAPIES CELLULAIRES**
[72] BONYHADI, MARK L., US
[71] JUNO THERAPEUTICS, INC., US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064859)
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[54] **MODIFIED CHIMERIC RECEPTORS AND RELATED COMPOSITIONS AND METHODS**
[54] **RECEPTEURS CHIMERIQUES MODIFIES ET COMPOSITIONS ET PROCEDES ASSOCIES**
[72] THOMPSON, LUCAS JAMES, US
[72] DUBOSE, ROBERT F., US
[72] BRAHMANDAM, ARCHANA, US
[71] JUNO THERAPEUTICS, INC., US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064861)
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[25] FR
[54] **NOVEL POLYAMINES, SYNTHESIS PROCESS THEREOF AND USE OF SAME FOR THE SELECTIVE ELIMINATION OF H2S FROM A GASEOUS EFFLUENT COMPRISING CO2**
[54] **NOUVELLES POLYAMINES, LEUR PROCEDE DE SYNTHESE ET LEUR UTILISATION POUR L'ELIMINATION SELECTIVE DE L'H2S D'UN EFFLUENT GAZEUX COMPRENANT DU CO2**
[72] DELFORT, BRUNO, FR
[72] NICOLA, ANTOINE, FR
[72] HUARD, THIERRY, FR
[72] WENDER, AURELIE, FR
[72] LEFEBVRE, CATHERINE, FR
[72] LALOUE, NICOLAS, FR
[72] GAILLARD, KARINE, FR
[71] IFP ENERGIES NOUVELLES, FR
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[25] EN
[54] **METHOD FOR PRODUCING AN ORAL POUCHED SNUFF PRODUCT**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT DE TABAC A PRISER ORAL EN SACHET**
[72] PERSSON, TONY, SE
[71] SWEDISH MATCH NORTH EUROPE AB, SE
[85] 2018-06-01
[86] 2016-12-02 (PCT/EP2016/079592)
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[30] EP (15197533.1) 2015-12-02

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[25] EN
[54] **REFLECTIVE COATING**
[54] **REVETEMENT REFLECHISSANT**
[72] BOULLE, JEAN-RAYMOND, MC
[72] ANGENENT, MICHAEL, BE
[72] THEOBALD, MICHAEL, GB
[71] JEAN BOULLE LUXURY PAINT LTD, VG
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[54] **MOBILE ELECTRONIC DEVICE ENCLOSURE SYSTEMS FOR DOCKING AND CHARGING OPERATIONS**
[54] **SYSTEMES DE BOITIER DE DISPOSITIF ELECTRONIQUE MOBILE POUR DES FONCTIONS D'ACCUEIL ET DE CHARGE**
[72] BURMESTER, BENNY, DK
[71] ERGONOMIC SOLUTIONS INTERNATIONAL LIMITED, GB
[85] 2018-06-01
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[72] SCHAEFFER-KORBYLO, LYNDSAY, US
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[54] **PROCEDES DE PREPARATION ET D'ANALYSE D'ECHANTILLONS DE TISSU TUMORAL POUR LA DETECTION ET LA SURVEILLANCE DE CANCERS**
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[54] **SYSTEME ET PROCEDE POUR FABRIQUER DES IMPLANTS DE FIBROCARTILAGE PERSONNALISES**
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[71] TTI (MACAO COMMERICAL OFFSHORE) LIMITED, MO
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[54] **PROCEDES DE PRODUCTION DE CELLULES SOUCHES HEMATOPOIETIQUES FONCTIONNELLES**
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[54] **CONSTRUCTION D'UN NOUVEAU NERF OBTENU PAR INGENIERIE TISSULAIRE A MEDIATION PAR UN GENE DE MICROARN ET APPLICATIONS CORRESPONDANTES DANS LA REPARATION D'UN DEFAUT DE NERF**
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[72] DING, FEI, CN
[72] TANG, XIN, CN
[72] YANG, YUMIN, CN
[72] YU, BIN, CN
[72] LI, SHIYING, CN
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[54] **PEPTIDES SLC45A2 POUR L'IMMUNOTHERAPIE**
[72] LIZEE, GREGORY, US
[72] YEE, CASSIAN, US
[72] HWU, PATRICK, US
[72] ROSZIK, JANOS, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-06-01
[86] 2016-12-02 (PCT/US2016/064825)
[87] (WO2017/096304)
[30] US (62/263,189) 2015-12-04
[30] US (62/263,835) 2015-12-07

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[25] EN
[54] **FLUID END ASSEMBLY OF A RECIPROCATING PUMP**
[54] **ENSEMBLE EXTREMITE DE FLUIDE D'UNE POMPE ALTERNATIVE**
[72] SALIH, NABEEL, CA
[72] NAGEL, CAREY PHILIP, CA
[72] CHEN, JIE, CA
[72] RIOU, MICHEL ANTHONY, CA
[71] A.H.M.S., INC., CA
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[51] **Int.Cl. F03D 80/40 (2016.01) F03D 17/00 (2016.01)**
[25] EN
[54] **METHOD FOR PREDICTING THE ACCUMULATION OF ICE ON A ROTOR BLADE OF A WIND TURBINE AND THE USE THEREOF**
[54] **PROCEDE PERMETTANT DE PRONOSTIQUER UNE ACCUMULATION DE GIVRE SUR UNE PALE DE ROTOR D'UNE EOLIENNE ET UTILISATION DUDIT PROCEDE**
[72] MULLER, MATHIAS, DE
[72] SCHAUSS, THOMAS, DE
[72] RIEGER, FLORIAN, DE
[72] SCHUBERT, MATTHIAS, DE
[71] FOS4X GMBH, DE
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[51] **Int.Cl. H01J 35/08 (2006.01)**
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[54] **AN ELECTRON GUIDING AND RECEIVING ELEMENT**
[54] **ELEMENT DE GUIDAGE ET DE RECEPTION D'ELECTRONS**
[72] HU, QUI-HONG, SE
[71] LUXBRIGHT AB, SE
[85] 2018-06-04
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[13] A1
[51] **Int.Cl. C07D 307/68 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF 2,5-FURANDICARBOXYLIC ACID (FDCA)**
[54] **PROCEDE DE PRODUCTION D'ACIDE 2,5-FURANNEDICARBOXYLIQUE (FDCA)**
[72] TEKAUTZ, GUNTER, AT
[72] KIRSCHNECK, DIRK, AT
[72] LINHART, WALTER, AT
[71] ANNIKKI GMBH, AT
[71] MICROINNOVA ENGINEERING GMBH, AT
[85] 2018-06-04
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[51] **Int.Cl. H01B 3/00 (2006.01) H01B 7/295 (2006.01) H01B 13/24 (2006.01)**
[25] FR
[54] **FIRE-RESISTANT CABLE**
[54] **CABLE RESISTANT AU FEU**
[72] AUVRAY, THIERRY, FR
[72] GYPPAZ, FRANCK, FR
[72] POULARD, CORINNE, FR
[71] NEXANS, FR
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[25] EN
[54] **ENHANCED FERMENTATION**
[54] **FERMENTATION AMELIOREE**
[72] FELLE, MAX FABIAN, DE
[72] JENEWEIN, STEFAN, DE
[72] STEFAN, HANDTKE, DE
[72] VOIGT, BIRGIT, DE
[72] SCHWEDER, THOMAS, DE
[72] HECKER, MICHAEL, DE
[71] BASF SE, DE
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[51] **Int.Cl. A45D 1/00 (2006.01) A45D 1/04 (2006.01)**
[25] EN
[54] **A HAIR STYLING APPLIANCE**
[54] **APPAREIL DE COIFFURE**
[72] COWDRY, GUY FRANCIS CHARLES, GB
[72] NICOLAOU, RICHARD DAVID, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2018-06-04
[86] 2016-11-24 (PCT/GB2016/053691)
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[30] GB (1521716.9) 2015-12-09

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[51] **Int.Cl. D04H 1/425 (2012.01) D04H 1/46 (2012.01)**
[25] EN
[54] **PATTERNED NONWOVEN MATERIAL**
[54] **MATERIAU NON TISSE A MOTIF**
[72] STRANDQVIST, MIKAEL, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-06-04
[86] 2015-12-08 (PCT/EP2015/078983)
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[51] **Int.Cl. B65D 47/42 (2006.01) A61J 1/05 (2006.01) B05C 17/00 (2006.01)**
[25] EN
[54] **CHEMICAL SOLUTION SUPPLY APPARATUS AND CHEMICAL SOLUTION SUPPLY IMPLEMENT**
[54] **APPAREIL D'ALIMENTATION EN SOLUTION CHIMIQUE ET ACCESSOIRE D'ALIMENTATION EN SOLUTION CHIMIQUE**
[72] KOMIYAMA, SATORU, JP
[71] KOBAYASHI PHARMACEUTICAL CO., LTD., JP
[85] 2018-06-01
[86] 2016-12-09 (PCT/JP2016/086781)
[87] (WO2017/099235)
[30] JP (2015-241553) 2015-12-10

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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61K 39/395 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF ANTIBODY CONSTRUCT-AGONIST CONJUGATES AND METHODS OF USE THEREOF**
[54] **COMPOSITION DE CONJUGUES D'AGONISTES-CONSTRUCTIONS D'ANTICORPS ET LEURS PROCEDES D'UTILISATION**
[72] THOMPSON, PETER ARMSTRONG, US
[72] EDRIS, BADREDDIN, US
[71] OPI VI - IP HOLDCO LLC, US
[85] 2018-06-01
[86] 2016-12-07 (PCT/US2016/065353)
[87] (WO2017/100305)
[30] US (62/264,260) 2015-12-07
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[51] **Int.Cl. D04H 1/492 (2012.01) D04H 1/495 (2012.01)**
[25] EN
[54] **PROCESS FOR PRODUCING IMPRINTED SHEET MATERIALS**
[54] **PROCEDE DE PRODUCTION DE MATERIAUX DE FEUILLE IMPRIMES**
[72] BERGMANN, JORG, DE
[72] MEIJERING, BARELD, NL
[72] STRANDQVIST, MIKAEL, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-06-04
[86] 2015-12-08 (PCT/EP2015/078998)
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[51] **Int.Cl. F16B 13/04 (2006.01) F16B 13/06 (2006.01) F16B 13/08 (2006.01) F16B 13/12 (2006.01)**
[25] EN
[54] **SHALLOW UNDERCUT CONCRETE ANCHOR**
[54] **ANCRAGE EN BETON A CONTRE-DEPOUILLE PEU PROFONDE**
[72] PREGARTNER, THILO, DE
[72] CERBONE, MARK, US
[72] CHAMBERLAIN, MATTHEW, US
[71] BLACK & DECKER INC., US
[85] 2018-06-01
[86] 2016-12-08 (PCT/US2016/065508)
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[30] US (62/265,212) 2015-12-09
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[51] **Int.Cl. B01J 31/24 (2006.01) B01J 31/02 (2006.01) B01J 31/14 (2006.01) B01J 31/18 (2006.01) B01J 31/22 (2006.01) C07C 2/36 (2006.01) C07C 2/32 (2006.01)**
[25] FR
[54] **CATALYTIC COMPOSITION COMPRISING NICKEL, A PHOSPHINE-TYPE LIGAND AND A LEWIS BASE, AND USE THEREOF IN AN OLEFIN OLIGOMERISATION METHOD**
[54] **COMPOSITION CATALYTIQUE A BASE DE NICKEL ET DE LIGAND DE TYPE PHOSPHINE ET D'UNE BASE DE LEWIS ET SON UTILISATION DANS UN PROCEDE D'OLIGOMERISATION DES OLEFINES**
[72] BREUIL, PIERRE-ALAIN, FR
[72] CHAUMET-MARTIN, OLIVIA, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2018-06-01
[86] 2016-12-13 (PCT/EP2016/080737)
[87] (WO2017/102689)
[30] FR (1562756) 2015-12-18

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[51] **Int.Cl. A61K 38/22 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **USE OF C-TYPE NATRIURETIC PEPTIDE VARIANTS TO TREAT OSTEOARTHRITIS**
[54] **UTILISATION DE VARIANTS DU PEPTIDE NATRIURETIQUE DE TYPE C POUR TRAITER L'ARTHROSE**
[72] O'NEILL, CHARLES A., US
[72] OPPENEER, TODD M., US
[72] PINKSTAFF, JASON K., US
[71] BIOMARIN PHARMACEUTICAL INC., US
[85] 2018-06-01
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[87] (WO2017/100400)
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[25] EN
[54] **BEAM-TO-COLUMN CONNECTION SYSTEMS AND MOMENT-RESISTING FRAMES INCLUDING THE SAME**
[54] **SYSTEMES D'ATTACHE POUTRE-POTEAU ET CHARPENTES RESISTANTES AUX MOMENTS ET COMPORTANT CES SYSTEMES**
[72] RICHARDS, PAUL WILLIAM, US
[71] BRIGHAM YOUNG UNIVERSITY, US
[85] 2018-06-01
[86] 2016-12-08 (PCT/US2016/065623)
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[51] **Int.Cl. C07K 14/325 (2006.01) A01N 37/18 (2006.01) A01P 7/04 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **NOVEL BACILLUS THURINGIENSIS GENE WITH LEPIDOPTERAN ACTIVITY**
[54] **NOUVEAU GENE DE BACILLUS THURINGIENSIS AYANT UNE ACTIVITE ANTI-LEPIDOPTERES**
[72] ABAD, ANDRE ROGER, US
[72] CERF, DAVID CHARLES, US
[72] DIEHN, SCOTT HENRY, US
[72] DONG, HUA, US
[72] SHI, XIAOMEI, US
[72] ZHOU, LAN, US
[72] WOLFE, THOMAS CHAD, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-06-01
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[25] EN
[54] **DETERMINING MEDIA DELIVERY EVENT LOCATIONS FOR MEDIA TRANSPORT**
[54] **DETERMINATION D'EMPLACEMENTS D'EVENEMENTS DE DISTRIBUTION MULTIMEDIA POUR UN TRANSPORT DE DONNEES MULTIMEDIAS**
[72] WALKER, GORDON KENT, US
[72] STOCKHAMMER, THOMAS, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-01
[86] 2017-01-06 (PCT/US2017/012551)
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[30] US (15/399,381) 2017-01-05

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[51] **Int.Cl. G02F 1/061 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONTROLLABLE OPTICAL ELEMENT MADE OF AN OPTICALLY ISOTROPIC LIQUID, IN PARTICULAR LENS, AND METHOD FOR ITS PRODUCTION BASED ON LIQUID COMPOSITES**
[54] **ELEMENT OPTIQUE COMMANDABLE ELECTRIQUEMENT CONSTITUE D'UN LIQUIDE OPTIQUEMENT ISOTROPE, EN PARTICULIER UNE LENTILLE, ET PROCEDE DE PRODUCTION DE CELUI-CI A PARTIR DE COMPOSITES LIQUIDES**
[72] HOFFMANN, KLAUS, DE
[72] STUMPE, JOACHIM, DE
[72] FISCHER, THOMAS, DE
[72] RUTLOH, MICHAEL, DE
[71] FOCUSTEC GMBH, DE
[71] HOFFMANN, KLAUS, DE
[71] FAUSTIG, STEPHANIE, DE
[85] 2018-06-04
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[87] (WO2017/092877)
[30] DE (10 2015 015 436.2) 2015-12-02

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[25] EN
[54] **RAILROAD CAR TRUCK WITH WARP RESTRAINTS**
[54] **BOGIE DE WAGON DE CHEMIN DE FER AVEC DISPOSITIFS DE LIMITATION DE DEFORMATION**
[72] MORIN, ANDREW J., US
[72] GOLEMBIEWSKI, RONALD D., US
[71] STANDARD CAR TRUCK COMPANY, US
[85] 2018-06-01
[86] 2016-12-09 (PCT/US2016/065819)
[87] (WO2017/112433)
[30] US (62/270,331) 2015-12-21
[30] US (15/363,599) 2016-11-29

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[51] **Int.Cl. B64D 9/00 (2006.01) B60P 7/14 (2006.01)**
[25] EN
[54] **MOBILE PLATFORM CABIN CONFIGURED FOR PASSENGER AND CARGO TRANSPORT**
[54] **CABINE DE PLATE-FORME MOBILE CONCUE POUR LE TRANSPORT DE PASSAGERS ET DE MARCHANDISES**
[72] CORBETT, KENT, CA
[72] MABEE, STEPHEN, CA
[71] BOMBARDIER INC., CA
[85] 2018-06-04
[86] 2016-11-25 (PCT/IB2016/057140)
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[51] **Int.Cl. B65B 61/18 (2006.01) B31B 70/81 (2017.01) B29C 65/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CREATING POUCHES OR BAGS WITH MULTIPHASE SEALING**
[54] **PROCEDE ET APPAREIL POUR CREER DES SACHETS OU SACS A ETANCHEITE MULTIPHASE**
[72] CALMES, CASEY, US
[72] HUNNICUT, PETER, US
[72] FRIEVALT, CURT, US
[72] KRUEGER, MARK, US
[72] PLUTZ, JASON, US
[71] CMD CORPORATION, US
[85] 2018-06-01
[86] 2016-12-09 (PCT/US2016/065845)
[87] (WO2017/100586)
[30] US (62/265,632) 2015-12-10
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[25] EN
[54] **VEHICLE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VEHICULE**
[72] MITSUBAYASHI, HIRONORI, JP
[71] DENSO CORPORATION, JP
[85] 2018-06-04
[86] 2016-11-21 (PCT/JP2016/084439)
[87] (WO2017/104352)
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[51] **Int.Cl. G01N 3/08 (2006.01) G01N 3/18 (2006.01) G01N 3/42 (2006.01) G01N 3/46 (2006.01) G01N 19/06 (2006.01)**
[25] EN
[54] **MEASUREMENT OF MATERIAL PROPERTIES UNDER LOCAL TENSILE STRESS THROUGH CONTACT MECHANICS**
[54] **MESURE DES PROPRIETES D'UN MATERIAU SOUS CONTRAINTE DE TRACTION LOCALE PAR CONTACT MECANIQUE**
[72] BELLEMARE, SIMON C., US
[72] PALKOVIC, STEVEN D., US
[72] WILLEY, BRENDON M., US
[72] SOUCY, PHILLIP A., US
[71] MASSACHUSETTS MATERIALS TECHNOLOGIES LLC, US
[85] 2018-06-01
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[51] **Int.Cl. C10G 49/00 (2006.01) B01J 23/28 (2006.01) B01J 35/02 (2006.01) B01J 35/10 (2006.01) C10G 45/08 (2006.01) C10G 45/12 (2006.01) C10G 45/14 (2006.01) C10G 49/04 (2006.01) C10G 49/06 (2006.01) C10G 49/08 (2006.01) C10G 49/12 (2006.01)**
[25] FR
[54] **HYBRID REACTOR HEAVY PRODUCT UPGRADING METHOD WITH DISPERSED CATALYST UPTAKE**
[54] **PROCEDE DE VALORISATION DE PRODUITS LOURDS EN REACTEUR HYBRIDE AVEC CAPTATION D'UN CATALYSEUR DISPERSE**
[72] DREILLARD, MATTHIEU, FR
[72] MAJCHER, JEROME, FR
[72] MARQUES, JOAO, FR
[72] CHATRON-MICHAUD, PASCAL, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2018-06-01
[86] 2016-12-02 (PCT/EP2016/079647)
[87] (WO2017/108377)
[30] FR (1562948) 2015-12-21

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[51] **Int.Cl. F16J 15/10 (2006.01) H01M 8/0271 (2016.01) B29C 45/14 (2006.01) F16J 15/00 (2006.01)**
[25] EN
[54] **GASKET, METHOD FOR PRODUCING SAME, AND METHOD FOR HANDLING SAME**
[54] **JOINT D'ETANCHEITE, SON PROCEDE DE PRODUCTION, ET SON PROCEDE DE MANIPULATION**
[72] YUI, HAJIME, JP
[72] OBA, KENICHI, JP
[72] NISHIMURA, TAKURO, JP
[71] NOK CORPORATION, JP
[85] 2018-06-04
[86] 2016-12-19 (PCT/JP2016/087748)
[87] (WO2017/110730)
[30] JP (2015-251695) 2015-12-24

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[51] **Int.Cl. G08B 5/22 (2006.01)**
[25] EN
[54] **ADAPTIVE, MULTIMODAL COMMUNICATION SYSTEM FOR NON-SPEAKING ICU PATIENTS**
[54] **SYSTEME DE COMMUNICATION MULTIMODE ADAPTATIF POUR PATIENTS EN UNITE DE SOINS INTENSIFS NE PARLANT PAS**
[72] MADSEN, MIRIAM, US
[71] UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, US
[85] 2018-06-01
[86] 2016-12-12 (PCT/US2016/066081)
[87] (WO2017/100737)
[30] US (62/266,558) 2015-12-11

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[51] **Int.Cl. A01B 59/06 (2006.01)**
[25] EN
[54] **A WORK VEHICLE**
[54] **ENGIN DE CHANTIER**
[72] MCADAM, JAMES, IE
[72] MCHUGH, GERARD, IE
[72] DUFF, ANTHONY, IE
[72] MCHUGH, DALLAN, IE
[72] MCELCHAR, DANIEL, IE
[72] HAMPSHIRE, SAMUEL, IE
[71] MULTIHOG R&D LIMITED, IE
[85] 2018-06-04
[86] 2016-12-07 (PCT/IE2016/000022)
[87] (WO2017/098491)
[30] IE (S2015/0430) 2015-12-07

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[13] A1
[51] **Int.Cl. B60G 21/05 (2006.01) E02F 9/08 (2006.01)**
[25] EN
[54] **A WHEELED WORK VEHICLE AND A SUSPENSION UNIT FOR A WHEELED WORK VEHICLE**
[54] **VEHICULE DE TRAVAIL A ROUES ET UNITE DE SUSPENSION POUR VEHICULE DE TRAVAIL A ROUES**
[72] MCADAM, JAMES, IE
[72] MCHUGH, GERARD, IE
[72] DUFF, ANTHONY, IE
[72] MCHUGH, DALLAN, IE
[72] MCELCHAR, DANIEL, IE
[72] HAMPSHIRE, SAMUEL, IE
[71] MULTIHOG R&D LIMITED, IE
[85] 2018-06-04
[86] 2016-12-07 (PCT/IE2016/000023)
[87] (WO2017/098492)
[30] IE (S2015/0428) 2015-12-07

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[51] **Int.Cl. A61K 48/00 (2006.01) A61P 1/16 (2006.01) C12N 9/10 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATMENT OF CRIGLER-NAJJAR SYNDROME**
[54] **COMPOSITION POUR LE TRAITEMENT DU SYNDROME DE CRIGLER-NAJJAR**
[72] TRETIAKOVA, ANNA P., US
[72] SIDRANE, JENNY AGNES, US
[72] WILSON, JAMES M., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-06-01
[86] 2016-12-14 (PCT/US2016/066657)
[87] (WO2017/106345)
[30] US (62/266,969) 2015-12-14
[30] US (62/348,029) 2016-06-09

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[13] A1
[51] **Int.Cl. A23P 20/20 (2016.01) A21D 13/10 (2017.01) A21C 9/04 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A FOOD PRODUCT, A FOOD PRODUCT PRODUCED BY A FOOD PRODUCT MANUFACTURING SYSTEM, AND FOOD PRODUCT MANUFACTURING SYSTEM**
[54] **PROCEDE DE FABRICATION DE PRODUIT ALIMENTAIRE, PRODUIT ALIMENTAIRE PRODUIT PAR UN SYSTEME DE FABRICATION DE PRODUIT ALIMENTAIRE, ET SYSTEME DE FABRICATION DE PRODUIT ALIMENTAIRE**
[72] DOMINGUEZ, HELBERT DAVID ALMEIDA, US
[72] VANOS, STEPHEN, US
[71] KELLOGG COMPANY, US
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[86] 2016-12-15 (PCT/US2016/066963)
[87] (WO2017/106521)
[30] US (62/269,291) 2015-12-18

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[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04D 3/361 (2006.01) E04D 3/362 (2006.01) E04F 13/12 (2006.01)**
[25] EN
[54] **A ROOF, WALL OR FACADE STRUCTURE**
[54] **STRUCTURE DE TOIT, DE PAROI OU DE FACADE**
[72] KENDA, MARIO, NL
[72] SCHMITT, HORST, NL
[72] PORTEOUS, BRUCE, NL
[72] KARLAS, FERDINAND JOHANNES LEONARDUS, NL
[71] KALZIP GMBH, DE
[85] 2018-06-01
[86] 2016-12-21 (PCT/EP2016/082217)
[87] (WO2017/108979)
[30] EP (15201465.0) 2015-12-21

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[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/50 (2006.01) B01D 53/82 (2006.01) B01D 53/83 (2006.01) B01J 20/04 (2006.01)**
[25] EN
[54] **POWDERED COMPOSITION COMPRISING ONE OR MORE DOUBLE SALT(S) FOR USE IN COMBUSTION GAS PURIFICATION**
[54] **COMPOSITION EN POUDRE COMPRENANT UN OU PLUSIEURS SEL(S) DOUBLE(S) POUR UTILISATION DANS LA PURIFICATION DE GAZ DE COMBUSTION**
[72] SOMERHAUSEN, BERNARD, BE
[72] VEKONY, NICOLAS, BE
[71] CARMEUSE RESEARCH AND TECHNOLOGY, BE
[85] 2018-06-04
[86] 2016-12-08 (PCT/EP2016/080217)
[87] (WO2017/102533)
[30] EP (15199901.8) 2015-12-14

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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02B 5/32 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR CURVED HOLOGRAPHIC OPTICAL ELEMENTS**
[54] **SYSTEMES, DISPOSITIFS, ET PROCEDES POUR ELEMENTS OPTIQUES HOLOGRAPHIQUES INCURVES**
[72] ALEXANDER, STEFAN, CA
[72] MORRISON, VANCE R., CA
[72] MAHON, THOMAS, CA
[71] THALMIC LABS INC., CA
[85] 2018-06-01
[86] 2016-12-16 (PCT/US2016/067246)
[87] (WO2017/106692)
[30] US (62/268,892) 2015-12-17

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[51] **Int.Cl. A23J 1/14 (2006.01) A23L 5/20 (2016.01) A23L 11/30 (2016.01) A23L 33/185 (2016.01) A23J 3/14 (2006.01)**
[25] EN
[54] **RAPESEED PROTEIN ISOLATE, FOOD COMPRISING THE ISOLATE AND USE AS FOAMING OR EMULSIFYING AGENT**
[54] **ISOLAT DE PROTEINES DE COLZA, ALIMENT COMPRENANT L'ISOLAT ET SON UTILISATION COMME AGENT EMULSIFIANT OU MOUSSANT**
[72] SHI, JING, NL
[72] SMOLDERS, GERARDUS JOHANNES FRANCISCUS, NL
[72] WILLEMSEN, JOHANNES HENDRIKUS MARIA, NL
[72] VERMUNT, JOHANNES HENDRIKUS ANTONIUS JEROEN, NL
[72] HYLKEMA, NIENKE NINA, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-06-04
[86] 2016-12-08 (PCT/EP2016/080234)
[87] (WO2017/102535)
[30] EP (15200789.4) 2015-12-17
[30] EP (16178343.6) 2016-07-07

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[51] **Int.Cl. A01H 17/00 (2006.01)**
[25] EN
[54] **METHODS OF CULTIVATING ECTOMYCORRHIZAL FUNGI**
[54] **PROCEDES DE CULTURE DE CHAMPIGNONS ECTOMYCORHIZIENS**
[72] GOLAN, EZEKIEL, IL
[71] GOLAN, EZEKIEL, IL
[85] 2018-06-04
[86] 2016-12-07 (PCT/IL2016/051310)
[87] (WO2017/098509)
[30] US (62/263,796) 2015-12-07

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[51] **Int.Cl. F03D 80/40 (2016.01) F03D 17/00 (2016.01)**
[25] EN
[54] **METHOD FOR DETERMINING A VALUE OF AN ICE BUILDUP QUANTITY ON AT LEAST ONE ROTOR BLADE OF A WIND TURBINE, AND USE THEREOF**
[54] **METHODE DE DETERMINATION D'UNE VALEUR D'UNE QUANTITE D'ACCUMULATION DE GLACE SUR AU MOINS UNE PALE DE ROTOR D'UNE EOLIENNE, ET UTILISATION ASSOCIEE**
[72] MULLER, MATHIAS, DE
[72] SCHAUSS, THOMAS, DE
[72] RIEGER, FLORIAN, DE
[71] FOS4X GMBH, DE
[85] 2018-06-04
[86] 2016-12-05 (PCT/EP2016/079759)
[87] (WO2017/114638)
[30] DE (10 2015 122 933.1) 2015-12-29

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[51] **Int.Cl. G06F 15/18 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PURCHASE BEHAVIOR PREDICTION OF CUSTOMERS**
[54] **PROCEDE ET SYSTEME DE PREDICTION DE COMPORTEMENT D'ACHAT DE CLIENTS**
[72] MALHOTRA, PANKAJ, IN
[72] ANAND, GAURANGI, IN
[72] KAZMI, AUON HAIDAR, IN
[72] VIG, LOVEKESH, IN
[72] AGARWAL, PUNEET, IN
[72] SHROFF, GAUTAM, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[85] 2018-06-04
[86] 2016-12-02 (PCT/IB2016/057292)
[87] (WO2017/093953)
[30] IN (4550/MUM/2015) 2015-12-02

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[51] **Int.Cl. B65D 75/58 (2006.01) B65B 9/06 (2012.01)**
[25] EN
[54] **COLD-SEALED FLEXIBLE FILM PACKAGES AND METHODS**
[54] **EMBALLAGES EN FILM SOUPLE SCELLES A FROID ET PROCEDES**
[72] LYZENGA, DEBORAH A., US
[72] WEBER, JEFFREY T., US
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2018-06-01
[86] 2016-12-19 (PCT/US2016/067483)
[87] (WO2017/116797)
[30] US (62/273,277) 2015-12-30

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[13] A1
[51] **Int.Cl. A61B 5/055 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **HEAD COIL SYSTEM AND METHODS FOR ENHANCING AND/OR OPTIMIZING MRI**
[54] **SYSTEME DE BOBINE DE TETE ET PROCEDES POUR AMELIORER ET/OU OPTIMISER UNE IRM**
[72] LAU, WILLIAM WAI-LEUNG, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] THEVATHASAN, GILBERT, CA
[72] MORREALE, MARK TULLIO, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-06-04
[86] 2016-01-27 (PCT/IB2016/050407)
[87] (WO2017/130025)

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[13] A1
[51] **Int.Cl. E02F 3/36 (2006.01) E02F 3/96 (2006.01)**
[25] EN
[54] **A LOCKING DEVICE FOR A QUICK COUPLER**
[54] **DISPOSITIF DE VERROUILLAGE POUR RACCORD RAPIDE**
[72] ANDERSON, ANDRE RICHARD, NZ
[72] CALVERT, DAVID APERAHAMA, NZ
[72] CALVERT, MATTHEW JAMES, NZ
[72] RIDER, ANDREW JAMES PHILLIP, NZ
[72] RIDER, MICHAEL HUGH JAMES, NZ
[71] WEDGELOCK EQUIPMENT LIMITED, NZ
[85] 2018-06-04
[86] 2016-12-01 (PCT/NZ2016/050189)
[87] (WO2017/099610)
[30] NZ (714945) 2015-12-07

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[51] **Int.Cl. G06Q 10/08 (2012.01) H04W 4/02 (2018.01) H04W 56/00 (2009.01) G06Q 20/20 (2012.01) H04L 29/08 (2006.01) H04W 84/18 (2009.01)**
[25] EN
[54] **ELECTRONICALLY CONNECTED ENVIRONMENT**
[54] **ENVIRONNEMENT CONNECTE ELECTRONIQUEMENT**
[72] WYLIE, HUNTER, US
[72] BLASER, ROBERT LOGAN, US
[71] MOBILE TECH, INC., US
[85] 2018-06-01
[86] 2016-12-02 (PCT/US2016/064863)
[87] (WO2017/096330)
[30] US (62/262,843) 2015-12-03
[30] US (15/367,028) 2016-12-01

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 4/02 (2018.01) G01S 19/01 (2010.01)**
[25] EN
[54] **PROVIDING INFORMATION ABOUT A PROPOSED SERVICE FOR A USER BASED ON USER-SPECIFIC LOCATION INFORMATION**
[54] **FOURNITURE D'INFORMATIONS CONCERNANT UN SERVICE PROPOSE POUR UN UTILISATEUR SUR LA BASE D'INFORMATIONS D'EMPLACEMENT SPECIFIQUES A UN UTILISATEUR**
[72] NOVAK, KEVIN, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-06-04
[86] 2016-01-08 (PCT/US2016/012688)
[87] (WO2016/112318)
[30] US (62/101,060) 2015-01-08
[30] US (14/991,152) 2016-01-08

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[13] A1
[51] **Int.Cl. C12P 7/04 (2006.01) C12M 1/00 (2006.01) C12P 7/54 (2006.01)**
[25] FR
[54] **METHOD FOR SYNTHESISING ORGANIC MOLECULES**
[54] **PROCEDE DE SYNTHESE DE MOLECULES ORGANIQUES**
[72] BERGEL, ALAIN, FR
[72] BLANCHET, ELISE, FR
[72] ERABLE, BENJAMIN, FR
[72] ETCHEVERRY, LUC, FR
[72] RAFRAFI, YAN, FR
[72] BOUCHEZ, THEODORE, FR
[72] HUYARD, ALAIN, FR
[71] SUEZ GROUPE, FR
[71] INSTITUT NATIONAL DE RECHERCHE EN SCIENCIES ET TECHNOLOGIES POUR L'ENVIRONNEMENT ET L'AGRICULTURE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL POLYTECHNIQUE, FR
[85] 2018-06-04
[86] 2016-12-14 (PCT/EP2016/081050)
[87] (WO2017/102871)
[30] FR (1562789) 2015-12-18

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[13] A1
[51] **Int.Cl. H01Q 19/19 (2006.01) H01Q 5/47 (2015.01) H01Q 1/28 (2006.01)**
[25] EN
[54] **DOUBLE-REFLECTOR ANTENNA AND RELATED ANTENNA SYSTEM FOR USE ON BOARD LOW-EARTH-ORBIT SATELLITES FOR HIGH-THROUGHPUT DATA DOWNLINK AND/OR FOR TELEMETRY, TRACKING AND COMMAND**
[54] **ANTENNE A DOUBLE REFLECTEUR ET SYSTEME D'ANTENNE ASSOCIE DESTINE A ETRE UTILISE A BORD DE SATELLITES EN ORBITE TERRESTRE BASSE POUR PERMETTRE UNE LIAISON DESCENDANTE DE DONNEES AHAUT DEBIT ET/OU A DES FINS DE TELEMESURE, DE SUIVI ET DE COMMANDE**
[72] MIZZONI, ROBERTO, IT
[72] RAVANELLI, RODOLFO, IT
[72] CAMPANA, PAOLO, IT
[71] THALES ALENIA SPACE ITALIA S.P.A. CON UNICO SOCIO, IT
[85] 2018-06-04
[86] 2016-12-19 (PCT/EP2016/081811)
[87] (WO2017/103286)
[30] EP (15425110.2) 2015-12-18

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[51] **Int.Cl. A61F 2/844 (2013.01) A61F 2/95 (2013.01) A61F 2/90 (2013.01)**
[25] EN
[54] **HYBRID DEVICE FOR SURGICAL AORTIC REPAIR AND METHOD OF USING THE SAME**
[54] **DISPOSITIF HYBRIDE POUR REPARATION CHIRURGICALE D'AORTE ET SON PROCEDE D'UTILISATION**
[72] SHAHRIARI, ALI, US
[72] LEOPOLD, ERIC, US
[71] ASCYRUS MEDICAL, LLC, US
[85] 2018-06-04
[86] 2016-01-11 (PCT/US2016/012845)
[87] (WO2016/112378)
[30] US (62/102,094) 2015-01-11
[30] US (62/185,750) 2015-06-29
[30] US (62/237,531) 2015-10-05
[30] US (62/259,045) 2015-11-23

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[13] A1
[51] **Int.Cl. C07H 1/00 (2006.01) C07H 19/06 (2006.01)**
[25] EN
[54] **DIASTEREOSELECTIVE SYNTHESIS OF PHOSPHATE DERIVATIVES AND OF THE GEMCITABINE PRODRUG NUC-1031**
[54] **SYNTHESE DIASTEREOSELECTIVE DE DERIVES DE PHOSPHATE ET DU PROMEDICAMENT DE GEMCITABINE NUC-1031**
[72] KOTALA, MANI BUSHAN, IN
[72] DAMMALAPATI, VENKATA LAKSHMI NARASIMHA RAO, IN
[71] NUCANA PLC, GB
[71] LAURUS LABS PRIVATE LTD, IN
[85] 2018-06-04
[86] 2016-12-09 (PCT/GB2016/053875)
[87] (WO2017/098252)
[30] IN (6635/CHE/2015) 2015-12-11
[30] GB (1602185.9) 2016-02-08

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[13] A1
[51] **Int.Cl. H04L 9/06 (2006.01)**
[25] EN
[54] **FAST FORMAT-PRESERVING ENCRYPTION FOR VARIABLE LENGTH DATA**
[54] **CHIFFREMENT A PRESERVATION DE FORMAT RAPIDE POUR DES DONNEES DE LONGUEUR VARIABLE**
[72] PIVOVAROV, EUGENE, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-06-04
[86] 2016-01-11 (PCT/US2016/012880)
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[13] A1
[51] **Int.Cl. C08L 51/06 (2006.01) C08L 23/04 (2006.01)**
[25] EN
[54] **THERMOSET INSULATION COMPOSITION**
[54] **COMPOSITION ISOLANTE THERMODURCISSABLE**
[72] SLEVIN, MICHAEL EDWARD, GB
[71] AEI COMPOUNDS LTD., GB
[85] 2018-06-04
[86] 2016-08-03 (PCT/IB2016/054694)
[87] (WO2017/033079)
[30] US (62/209,178) 2015-08-24

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[13] A1
[51] **Int.Cl. B01F 7/08 (2006.01) B01F 3/12 (2006.01) B01F 13/10 (2006.01) B62D 63/08 (2006.01) B65D 88/26 (2006.01) B65D 90/12 (2006.01)**
[25] EN
[54] **MULLING DEVICE AND METHOD FOR TREATING BULK MATERIAL RELEASED FROM PORTABLE CONTAINERS**
[54] **DISPOSITIF ET PROCEDE DE PETRISSAGE POUR TRAITER UN MATERIAU EN VRAC LIBERE DE CONTENANTS PORTABLES**
[72] HUNTER, TIMOTHY HOLIMAN, US
[72] LEWIS, BRYAN JOHN, US
[72] SURJAATMADJA, JIM BASUKI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-06-04
[86] 2016-03-15 (PCT/US2016/022489)
[87] (WO2017/160283)

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[51] **Int.Cl. B01F 5/04 (2006.01) B33Y 80/00 (2015.01) B01F 3/08 (2006.01) B01F 5/00 (2006.01) B01F 5/06 (2006.01)**
[25] EN
[54] **MIXING APPARATUS AND ARRANGEMENT FOR INTRODUCING A FIRST LIQUID, A SECOND LIQUID, AND A THIRD LIQUID INTO A PROCESS LIQUID FLOW WHICH IS FLOWING IN A LINEAR FLOW DUCT SECTION**
[54] **APPAREIL DE MELANGE ET AGENCEMENT POUR L'INTRODUCTION D'UN PREMIER LIQUIDE, D'UN DEUXIEME LIQUIDE ET D'UN TROISIEME LIQUIDE DANS UN ECOULEMENT DE LIQUIDE DE TRAITEMENT QUI S'ECOULE DANS UNE SECTION DE CANALISATION A ECOULEMENT LINEAIRE**
[72] KAUPPI, JANNE, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-06-04
[86] 2016-12-08 (PCT/FI2016/050854)
[87] (WO2017/098083)
[30] FI (20155931) 2015-12-09

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[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/14 (2006.01) A61K 31/135 (2006.01) A61K 31/137 (2006.01) A61K 31/165 (2006.01) A61K 31/166 (2006.01) A61K 31/216 (2006.01) A61K 31/24 (2006.01) A61K 31/245 (2006.01) A61K 31/445 (2006.01)**
[25] EN
[54] **EXTENDED DURATION LOCAL ANESTHETIC FORMULATION**
[54] **FORMULATION D'ANESTHESIQUE LOCAL SUR UNE DUREE PROLONGEE**
[72] POULSEN, JEREMY, US
[72] STANFIELD, LOUIS, US
[72] VOLZ, LAWRENCE, US
[71] VENTIS PHARMA, US
[85] 2018-06-04
[86] 2016-12-02 (PCT/US2016/064782)
[87] (WO2017/096273)
[30] US (14/960,214) 2015-12-04

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[13] A1
[51] **Int.Cl. H04J 14/02 (2006.01) H04B 10/25 (2013.01) H04B 10/40 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HARDWARE CONFIGURED NETWORK**
[54] **PROCEDE ET APPAREIL POUR RESEAU A CONFIGURATION MATERIELLE**
[72] DEANDREA, JOHN, US
[71] FINISAR CORPORATION, US
[85] 2018-06-04
[86] 2016-05-19 (PCT/US2016/033310)
[87] (WO2016/187445)
[30] US (14/717,958) 2015-05-20

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[13] A1
[51] **Int.Cl. B01F 15/02 (2006.01) B01F 13/00 (2006.01)**
[25] EN
[54] **LOADING AND UNLOADING OF BULK MATERIAL CONTAINERS FOR ON SITE BLENDING**
[54] **CHARGEMENT ET DECHARGEMENT DE CONTENEURS DE MATERIAU EN VRAC POUR MELANGE SUR SITE**
[72] WARREN, WESLEY JOHN, US
[72] STEGEMOELLER, CALVIN L., US
[72] FISHER, CHAD ADAM, US
[72] LUCAS, BRYAN CHAPMAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-06-04
[86] 2016-03-31 (PCT/US2016/025286)
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[25] EN
[54] **NETWORK-BASED EVENT RECORDING**
[54] **ENREGISTREMENT D'EVENEMENT EN RESEAU**
[72] ABRAMOV, ANDREY, US
[72] DIMOV, DMITRY, US
[72] LEE, CHIH JEN KEN, US
[72] VURIMI, NAGA VENKATA GNANA MEHERKANTH, US
[72] YEGOROV, OLEKSANDR, US
[71] SLING MEDIA, INC., US
[85] 2018-06-04
[86] 2016-12-02 (PCT/US2016/064787)
[87] (WO2017/096277)
[30] US (62/263,087) 2015-12-04

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[51] **Int.Cl. A61M 25/00 (2006.01) A61M 39/00 (2006.01) A61M 39/06 (2006.01) B01L 3/00 (2006.01) G01N 33/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **BLOOD TESTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TEST SANGUIN**
[72] HILLMAN, ROBERT, US
[72] GORIN, MICHAEL M., US
[72] MCCLUSKEY, CORY LEE, US
[72] SCHWAIGER, HUBERT MARTIN, CH
[71] CA CASYSO GMBH, CH
[85] 2018-06-04
[86] 2016-12-02 (PCT/US2016/064797)
[87] (WO2017/096284)
[30] US (14/958,890) 2015-12-03

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[51] **Int.Cl. A61K 31/706 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/7068 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING DECITABINE, 5AZACYTIDINE AND TETRAHYDROURIDINE AND USES THEREOF**
[54] **COMPOSITIONS CONTENANT DE LA DECITABINE, DE LA 5-AZACYTIDINE ET DE LA TETRAHYDROURIDINE**
[72] SAUNTHARARAJAH, YOGEN, US
[72] LAU, HENRY, US
[72] DESIMONE, JOSEPH, US
[72] VADIVELU, SANTHOSH, US
[71] EPIDESTINY, INC., US
[71] SAUNTHARARAJAH, YOGEN, US
[71] LAU, HENRY, US
[71] DESIMONE, JOSEPH, US
[71] VADIVELU, SANTHOSH, US
[85] 2018-06-04
[86] 2016-12-05 (PCT/US2016/064935)
[87] (WO2017/096357)
[30] US (62/262,839) 2015-12-03
[30] US (62/429,292) 2016-12-02

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[13] A1
[51] **Int.Cl. B65G 47/96 (2006.01) B07C 5/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC SORTATION OF OBJECTS WITH RECIPROCATING CARRIAGES**
[54] **SYSTEMES ET PROCEDES DE TRI DYNAMIQUE D'OBJETS AVEC DES CHARIOTS A VA-ET-VIENT**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
[85] 2018-06-04
[86] 2016-12-01 (PCT/US2016/064389)
[87] (WO2017/096021)
[30] US (62/263,050) 2015-12-04
[30] US (62/265,181) 2015-12-09
[30] US (15/241,779) 2016-08-19

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[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01) B65G 47/96 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC PROCESSING OF OBJECTS**
[54] **SYSTEMES ET PROCEDES PERMETTANT UN TRAITEMENT DYNAMIQUE D'OBJETS**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
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[71] BERKSHIRE GREY INC., US
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[54] **REMOTE-CONTROLLED MEDIA STUDIO**
[54] **STUDIO MULTIMEDIA TELECOMMANDE**
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[72] IYER, SATISH, IN
[71] SLING MEDIA, INC., US
[71] SLING MEDIA PVT LTD, IN
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[54] **PROCESSING OF MULTIPLE MEDIA STREAMS**
[54] **TRAITEMENT DE MULTIPLES FLUX MULTIMEDIA**
[72] ABRAMOV, ANDREY, US
[72] DIMOV, DMITRY, US
[72] LEE, CHIH JEN KEN, US
[72] VURIMI, NAGA VENKATA GNANA MEHERKANTH, US
[72] YEGOROV, OLEKSANDR, US
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[54] **OPEN-TOP MICROFLUIDIC DEVICE WITH STRUCTURAL ANCHORS**
[54] **DISPOSITIF MICROFLUIDIQUE A PARTIE SUPERIEURE OUVERTE POURVU D'ANCRES STRUCTURALES**
[72] LEVNER, DANIEL, US
[72] HINOJOSA, CHRIS, US
[72] WEN, NORMAN, US
[72] VARONE, ANTONIO, US
[72] NGUYEN, JUSTIN, US
[72] WILLIAMSON, LINA, US
[72] KERNS, S. JORDAN, US
[72] KARALIS, KATIA, US
[72] HAMILTON, GERALDINE, US
[72] LUCCHESI, CAROL, US
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[54] **METHODS OF TREATMENT OF MALIGNACIES**
[54] **METHODES DE TRAITEMENT DE TUMEURS MALIGNES**
[72] WU, BIN, US
[72] CHOE, SUNG EUN, US
[71] AGIOS PHARMACEUTICALS, INC., US
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[54] **FACTOR VIII WITH EXTENDED HALF-LIFE AND REDUCED LIGAND-BINDING PROPERTIES**
[54] **FACTEUR VIII A DEMI-VIE PROLONGEE ET A PROPRIETES DE LIAISON AUX LIGANDS REDUITES**
[72] TURECEK, PETER, AT
[72] SCHRENK, GERALD, AT
[72] SIEKMANN, JUERGEN, AT
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
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[54] **METHODS OF COOLING AN ELECTRICALLY CONDUCTIVE SHEET DURING TRANSVERSE FLUX INDUCTION HEAT TREATMENT**
[54] **PROCEDES DE REFROIDISSEMENT D'UNE TOLE ELECTROCONDUCTRICE PENDANT UN TRAITEMENT THERMIQUE PAR INDUCTION A FLUX TRANSVERSE**
[72] WISWALL, JAMES, US
[72] ANDERSON, JOHN A., US
[72] LI, MING M., US
[72] WYATT-MAIR, GAVIN F., US
[71] WISWALL, JAMES, US
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[54] **DEVICES AND METHODS FOR SIMULATING A FUNCTION OF A LIVER TISSUE**
[54] **DISPOSITIFS ET PROCEDES DE SIMULATION D'UNE FONCTION D'UN TISSU HEPATIQUE**
[72] HAMILTON, GERALDINE, US
[72] JANG, KYUNG JIN, US
[72] HANEY, SUZETTE, US
[72] RONXHI, JANEY, US
[72] KODELIA, KONSTANTIA, US
[72] PARK, HYOUNG SHIN, US
[72] SLIZ, JOSIAH DANIEL, US
[72] PETROPOLIS, DEBORA, US
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[54] **RELOCALIZATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE RELOCALISATION**
[72] SCHROEDER, BRIGIT, US
[72] MALISIEWICZ, TOMASZ J., US
[72] RABINOVICH, ANDREW, US
[71] MAGIC LEAP, INC., US
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[54] **DETERGENT EN COMPRIMES POUR LE LAVAGE MANUEL DE LA VAISSELLE**
[72] LO, WENDY, US
[72] OLSON, ERIK C., US
[72] MULLER, THOMAS, US
[72] BIGGS, JEFFREY JOHN, US
[72] SIVANICH, ANGELA, US
[72] MOLINARO, KATHERINE, US
[72] WEST, KELSEY, US
[72] MOLINARO, MATT, US
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[54] **METHOD FOR RECOVERING SCANDIUM**
[54] **PROCEDE PERMETTANT LA RECUPERATION DE SCANDIUM**
[72] HIGAKI, TATSUYA, JP
[72] NAGAI, HIDEMASA, JP
[72] KOBAYASHI, HIROSHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[54] **ENZYME FORMULATION FOR REDUCING SALICYLATE AND OTHER INTOLERANCE**
[54] **FORMULATION ENZYMATIQUE POUR REDUIRE L'INTOLERANCE AU SALICYLATE ET D'AUTRES INTOLERANCES**
[72] FOURNIER, THEA, US
[71] FOURNIER, THEA, US
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[54] **HYBRID SURFACE FINISH FOR A HYDRAULIC LINEAR SEALING SYSTEM**
[54] **FINI DE SURFACE HYBRIDE POUR SYSTEME D'ETANCHEITE LINEAIRE HYDRAULIQUE**
[72] MAINVILLE, LUC, CA
[72] BOILARD, PATRICK, CA
[72] ETHIER, JEAN-MICHEL, CA
[71] INDUSTRIES MAILHOT INC., CA
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[54] **METHOD AND DEVICE FOR INTRODUCING AND FOR EXTRACTING HEAT ENERGY INTO AND FROM A BODY OF WATER**
[54] **METHODE ET DISPOSITIF D'INTRODUCTION D'ENERGIE THERMIQUE DANS UN CORPS D'EAU ET D'EXTRACTION D'ENERGIE THERMIQUE D'UN CORPS D'EAU**
[72] SCHECHNER, ALEXANDER, DE
[72] DEROI, LUIS, DE
[71] NATURSPEICHER GMBH, DE
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERS CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] SONG, COLETTE, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
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[54] **DISPOSITIF INDICATEUR**
[72] LINGEGARD, HANS, SE
[71] ARJO HOSPITAL EQUIPMENT AB, SE
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[54] **SYSTEME D'OBTURATION POUR RECIPIENT**
[72] KOMET, ISRAEL, IL
[72] ROULLE, ALAIN, FR
[71] SVALINN CAP SYSTEMS AG, CH
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[54] **METHOD FOR PRODUCING HYALURONIDASE CONJUGATE WITH POLYETHYLENEPIPERAZINE DERIVATIVES AND THE USE OF THE CONJUGATE PRODUCED**
[54] **PROCEDE DE PRODUCTION DE CONJUGUE DE HYALURONIDASE AVEC DES DERIVES DE POLYETHYLENE PIPERAZINE ET UTILISATION DU CONJUGUE OBTENU**
[72] NEKRASOV, ARKADII VASILEVICH, RU
[72] KARAPUTADZE, TEMURI MUSAEVICH, RU
[72] MEDVEDEV, SERGEI ALEKSEEVICH, RU
[72] KOZUKOV, ALEXANDER VLADIMIROVICH, RU
[72] KARAPUTADZE, NINO TEMURIEVNA, RU
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[54] **BOITIER DE MONTAGE D'UN ELEMENT D'ECLAIRAGE SURFACIQUE**
[72] RABOLIN, SYLVAIN, FR
[72] L'HUILLIER, PHILIPPE, FR
[72] COUDURIER, DAVID, FR
[72] DINIEL, JEAN-LOUIS, FR
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[54] **COMPOSITION VETERINAIRE ET SES PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] EYAL, AHARON M., IL
[72] LIN-COHEN, NETTA, IL
[72] LIN, YOUVAL, IL
[72] ARIEL, MEIR, IL
[71] CANABUZZ-MED, IL
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[54] **RECIRCULATION DES GAZ DANS UN PROCESSUS DE FLOTTATION MINERALE**
[72] LAKANEN, JUKKA, FI
[71] OUTOTEC (FINDLAND) OY, FI
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[72] HALE, TROY, US
[72] ALLEN, CLARK, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
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[71] XAMAX INDUSTRIES, INC., US
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[54] **PROCEDE DE FABRICATION D'UN VITRAGE FEUILLET DE VEHICULE DANS LEQUEL EST INCORPORE UN ECRAN OLED**
[72] LABROT, MICHAEL, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **METHOD AND SYSTEM FOR MANUFACTURING AN INSULATING GLAZING UNIT**
[54] **PROCEDE ET INSTALLATION DE FABRICATION D'UN VITRAGE ISOLANT**
[72] HERVIEUX, SEBASTIEN, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **COAXIAL CONNECTOR ASSEMBLY AND COMMUNICATION SYSTEM HAVING A PLURALITY OF COAXIAL CONTACTS**
[54] **ENSEMBLE CONNECTEUR COAXIAL ET SYSTEME DE COMMUNICATION AYANT UNE PLURALITE DE CONTACTS COAXIAUX**
[72] YI, CHONG HUN, US
[72] MORLEY, STEPHEN THOMAS, US
[72] MILLER, KEITH EDWIN, US
[71] TE CONNECTIVITY CORPORATION, US
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[54] **GRIPPING DEVICE, AND METHOD FOR MANUFACTURING AN INSULATING GLAZING UNIT**
[54] **DISPOSITIF DE PREHENSION ET PROCEDE DE FABRICATION D'UN VITRAGE ISOLANT**
[72] HERVIEUX, SEBASTIEN, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **SOUCHES DU VIRUS RESPIRATOIRE SYNCYTIAL RECOMBINANT COMPRENANT DES MUTATIONS DANS L'ORF DE M2-2 OFFRANT UNE GAMME DE PHENOTYPES ATTENUES**
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[72] BUCHHOLZ, URSULA J., US
[72] LUONGO, CINDY, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **SYSTEME DE FILTRE SOUS VIDE POUR UNE SEPARATION SOLIDES-LIQUIDES ET PROCEDE DE FILTRATION DE PARTICULES SOLIDES**
[72] BANIASSADI, MOHAMMAD HOSSEIN, US
[71] ENHANCED EQUIPMENT LLC, US
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[54] **METHODES DE TRAITEMENT DE LA MALADIE DE HUNTINGTON**
[72] BABU, SURESH, US
[72] BHATTACHARYYA, ANURADHA, US
[72] HWANG, SEONGWOO, US
[72] JANI, MINAKSHI, US
[72] MOON, YOUNG-CHOON, US
[72] SYDORENKO, NADIYA, US
[71] PTC THERAPEUTICS, INC., US
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[25] EN
[54] **DEVICE AND METHOD FOR DECONTAMINATING SOIL**
[54] **DISPOSITIF ET PROCEDE DE DECONTAMINATION DE SOL**
[72] RICHTER, ROGER TODD, US
[71] IRON CREEK GROUP, LLC, US
[85] 2018-06-04
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[87] (WO2017/100583)
[30] US (62/265,586) 2015-12-10

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[25] EN
[54] **BROADENING FIELD SPECIALIZATION**
[54] **ELARGISSEMENT DE SPECIALISATION DE CHAMP**
[72] SNODGRASS, RICHARD T., US
[72] DEBRAY, SAUMYA K., US
[72] ZHANG, RUI, US
[72] LIU, YANG, US
[71] DATAWARE VENTURES, LLC, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
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[51] **Int.Cl. B62D 35/00 (2006.01)**
[25] EN
[54] **WAKE DISRUPTOR FOR USE WITH A LAND VEHICLE**
[54] **DESINTEGRATEUR DE SILLAGE A UTILISER AVEC UN VEHICULE TERRESTRE**
[72] BRADLEY, CALVIN RHETT, US
[72] THOMPSON, LUCAS, US
[72] BELLINO, CHRISTOPHER, US
[72] AYALA, RAY, US
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-06-04
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[25] EN
[54] **METHODS AND SYSTEMS FOR STIFFENING OF TISSUE FOR IMPROVED PROCESSING**
[54] **PROCEDES ET SYSTEMES POUR RAIDIR UN TISSU POUR UN TRAITEMENT AMELIORE**
[72] OWENS, RICK T., US
[72] CHRISTOPHERSON, GREGORY, US
[71] LIFECELL CORPORATION, US
[85] 2018-05-31
[86] 2016-12-09 (PCT/US2016/065864)
[87] (WO2017/100600)
[30] US (62/266,221) 2015-12-11

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[25] EN
[54] **CARPET COATINGS, CARPETS WITH IMPROVED WET DELAMINATION STRENGTH AND METHODS OF MAKING SAME**
[54] **REVETEMENTS DE TAPIS, TAPIS AYANT UNE RESISTANCE AMELIOREE AU DECOLLEMENT DU A L'HUMIDITE ET LEURS PROCEDES DE FABRICATION**
[72] HALL, JOHN HARVEY, US
[71] SHAW INDUSTRIES GROUP, INC., US
[85] 2018-06-04
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[25] EN
[54] **FORMULATIONS WITH REDUCED DEGRADATION OF POLYSORBATE**
[54] **FORMULATIONS PRESENTANT UNE MOINDRE DEGRADATION DES POLYSORBATES**
[72] CONNOLLY, BRIAN, US
[72] HAMBURG, LYDIA, US
[72] HOLZ, EMILY, US
[71] GENENTECH, INC., US
[85] 2018-05-31
[86] 2016-12-28 (PCT/US2016/069046)
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[25] EN
[54] **SUGAR TRANSPORTER-MODIFIED YEAST STRAINS AND METHODS FOR BIOPRODUCT PRODUCTION**
[54] **SOUCHES DE LEVURE MODIFIEES PAR TRANSPORTEUR DE SUCRE ET PROCEDES DE PRODUCTION DE PRODUIT BIOLOGIQUE**
[72] MILLER, CHRIS, US
[72] NEGRETE-RAYMOND, ANA, US
[72] VELDHOUSE, JON, US
[72] VAS, AMIT, US
[72] RUSH, BRIAN, US
[71] CARGILL, INCORPORATED, US
[85] 2018-06-04
[86] 2016-12-16 (PCT/US2016/067314)
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[30] US (62/268,932) 2015-12-17

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[25] EN
[54] **COMBINATION OF C-MET INHIBITOR WITH ANTIBODY MOLECULE TO PD-1 AND USES THEREOF**
[54] **COMBINAISON D'UN INHIBITEUR DE C-MET AVEC UNE MOLECULE D'ANTICORPS DIRIGEE CONTRE PD-1 ET SES UTILISATIONS**
[72] BILIC, SANELA, US
[72] HOWARD, DANNY ROLAND, JR., US
[72] CAMERON, JOHN SCOTT, US
[71] NOVARTIS AG, CH
[85] 2018-06-04
[86] 2016-12-19 (PCT/US2016/067430)
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[30] US (62/269,044) 2015-12-17
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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **KNOTLESS SUTURE ANCHOR AND DEPLOYMENT DEVICE**
[54] **ANCRAGE DE SUTURE SANS N□UD ET DISPOSITIF DE DEPLOIEMENT**
[72] LOMBARDO, GIUSEPPE, US
[71] CONMED CORPORATION, US
[85] 2018-06-04
[86] 2016-12-16 (PCT/US2016/067114)
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[51] **Int.Cl. F25B 49/02 (2006.01)**
[25] EN
[54] **TWO-STAGE COMPRESSION AIR CONDITIONING SYSTEM AND AIR REPLENISHMENT CONTROL METHOD THEREFOR**
[54] **SYSTEME DE CLIMATISATION A COMPRESSION A DEUX ETAGES ET SON PROCEDE DE COMMANDE D'APPORT D'AIR**
[72] ZHAO, HUAN, CN
[72] TAN, FENG, CN
[72] LI, PENGFEI, CN
[72] LIANG, YOUXUAN, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2018-06-05
[86] 2016-11-25 (PCT/CN2016/107254)
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[30] CN (201510929233.4) 2015-12-14

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[25] EN
[54] **"MOBILIZING LEUKEMIA CELLS"**
[54] **MOBILISATION DE CELLULES LEUCEMIQUES**
[72] TACHAS, GEORGE, AU
[72] KIM, YONG-MI, US
[71] CHILDREN'S HOSPITAL LOS ANGELES, US
[71] ANTISENSE THERAPEUTICS LTD, AU
[85] 2018-06-01
[86] 2016-11-04 (PCT/AU2016/051059)
[87] (WO2017/075670)
[30] AU (2015904547) 2015-11-05

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CACHING AND PARAMETERIZING IR**
[54] **SYSTEME ET PROCEDE DE MISE EN MEMOIRE CACHE ET DE PARAMETRAGE IR**
[72] RASTOGI, KUMAR RAJEEV, IN
[72] DING, YONGHUA, US
[72] ZHU, CHENG, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-06-05
[86] 2016-12-01 (PCT/CN2016/108236)
[87] (WO2017/097160)
[30] US (14/960,894) 2015-12-07

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **MONITORING TREATMENT OR PROGRESSION OF MYELOMA**
[54] **SUIVI DU TRAITEMENT OU DE LA PROGRESSION D'UN MYELOME**
[72] SPENCER, ANDREW, AU
[72] MITHRAPRABHU, SRIDURGA, AU
[71] ALFRED HEALTH, AU
[85] 2018-06-01
[86] 2016-12-02 (PCT/AU2016/051191)
[87] (WO2017/091865)
[30] AU (2015905013) 2015-12-03
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[25] EN
[54] **HETERODIMER MOLECULE BASED ON CH3 DOMAIN, AND PREPARATION METHOD AND USE THEREOF**
[54] **MOLECULE HETERODIMERE FONDEE SUR LE DOMAINE CH3, ET METHODE DE PREPARATION ET UTILISATION ASSOCIEES**
[72] XU, TING, CN
[71] SUZHOU ALPHAMAB CO., LTD., CN
[85] 2018-06-05
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[87] (WO2017/101828)
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[51] **Int.Cl. F22B 35/00 (2006.01)**
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[54] **CONTROL OF INLET TEMPERATURE FOR CONVERSION STEP**
[54] **REGULATION DE TEMPERATURE D'ENTREE POUR ETAPE DE CONVERSION**
[72] SPETH, CHRISTIAN HENRIK, DK
[72] TJARNEHOV, EMIL ANDREAS, SE
[71] HALDOR TOPSOE A/S, DK
[85] 2018-06-05
[86] 2016-12-07 (PCT/EP2016/080010)
[87] (WO2017/097802)
[30] DK (PA 2015 00785) 2015-12-07

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[51] **Int.Cl. A23L 13/70 (2016.01) A23L 13/40 (2016.01)**
[25] EN
[54] **PREPARATION OF CARBONATE SALT AND TREATMENT OF MEAT WITH SAME**
[54] **PREPARATION DE SEL DE CARBONATE ET TRAITEMENT DE VIANDE AVEC CELUI-CI**
[72] MANLEY, JOSHUA, US
[72] SENARATNE-LENGALA, LASIKA SHYAMALIE, US
[72] WILLS, TODD, US
[71] CARGILL, INCORPORATED, US
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[30] US (62/267,667) 2015-12-15

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[54] **ISOBARIC MASS LABELS**
[54] **MARQUEURS DE MASSE ISOBARIQUES**
[72] THOMPSON, ANDREW HUGIN, GB
[71] ELECTROPHORETICS LIMITED, GB
[85] 2018-06-05
[86] 2016-12-09 (PCT/EP2016/080534)
[87] (WO2017/098029)
[30] GB (1521903.3) 2015-12-11

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[51] **Int.Cl. B64C 39/10 (2006.01)**
[25] EN
[54] **BLENDED WING BODY AIRCRAFT**
[54] **AERONEF A AILE VOLANTE**
[72] BANERJEE, SIDDHARTHO, CA
[72] GALIN, ALEXANDRE, CA
[71] BOMBARDIER INC., CA
[85] 2018-06-05
[86] 2016-11-30 (PCT/IB2016/057223)
[87] (WO2017/098373)
[30] US (62/264,996) 2015-12-09
[30] US (62/291,273) 2016-02-04

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[51] **Int.Cl. C07D 495/10 (2006.01)**
[25] EN
[54] **METHODS FOR THE PREPARATION OF 1,3-BENZODIOXOLE HETEROCYCLIC COMPOUNDS**
[54] **PROCEDES POUR LA PREPARATION DE COMPOSES HETEROCYCLIQUES 1,3-BENZODIOXOLE**
[72] DAHL, ALLAN CARSTEN, DK
[72] JENSEN, GITTE HOLM, DK
[72] DUUS, TINE MARIANNE, DK
[71] LEO PHARMA A/S, DK
[85] 2018-06-05
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[25] EN
[54] **ARTIFICIAL TURF MONOFILAMENTS AND METHODS FOR THEIR MANUFACTURE**
[54] **MONOFILAMENTS DE GAZON ARTIFICIEL ET LEURS PROCEDES DE FABRICATION**
[72] BEAUPREZ, MATHIJS (MARC), BE
[72] DE RUDDER, KJELL, BE
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
[85] 2018-06-05
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[30] EP (15202837.9) 2015-12-28

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[51] **Int.Cl. H04N 5/222 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATING THREE DIMENSIONAL VIDEO AND GALVANIC VESTIBULAR STIMULATION**
[54] **SYSTEME ET PROCEDE PERMETTANT D'INTEGRER LA VIDEO 3D ET LA STIMULATION VESTIBULAIRE GALVANIQUE**
[72] PRADHAN, GAURAV N., US
[72] CEVETTE, MICHAEL J., US
[72] STEPANEK, JAN, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[25] EN
[54] **BLENDED WING BODY AIRCRAFT**
[54] **AERONEF A AILE VOLANTE**
[72] BANERJEE, SIDDHARTHO, CA
[72] GALIN, ALEXANDRE, CA
[72] CHITTICK, IAN, CA
[71] BOMBARDIER INC., CA
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[86] 2016-11-30 (PCT/IB2016/057224)
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[30] US (62/265,000) 2015-12-09
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[54] **DIETARY PEPTIDES**
[54] **PEPTIDES DIETETIQUES**
[72] STAGSTED, JAN, DK
[72] ZHOU, JIEHUI, DK
[72] JESSEN, RANDI, DK
[72] PALMFELDT, JOHAN, DK
[72] HANSEN, ERIK TORNGAARD, DK
[71] DIET4LIFE APS, DK
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[86] 2016-12-16 (PCT/EP2016/081572)
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[25] EN
[54] **FLUID DELIVERY SYSTEM INCLUDING A DISINFECTANT DEVICE**
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE COMPRENANT UN DISPOSITIF DESINFECTANT**
[72] RODENBECK, ROBERT W., US
[72] NOBLE, JOHN, US
[72] SPANGLER, ANTHONY G., US
[72] SAWASKI, JOEL D., US
[72] GOUNDIAH RAMASAMY, JAYASHANGER, US
[72] JONTE, PATRICK B., US
[72] MARTY, GARRY R., US
[71] DELTA FAUCET COMPANY, US
[85] 2018-06-04
[86] 2016-12-21 (PCT/US2016/068081)
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[25] EN
[54] **COMPOSITIONS OF THERAPEUTIC SUBSTANCES, METHODS AND USES THEREOF**
[54] **COMPOSITIONS DE SUBSTANCES THERAPEUTIQUES, PROCEDES ET UTILISATIONS Y RELATIFS**
[72] TOUITOU, ELKA, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD, IL
[85] 2018-06-05
[86] 2016-12-06 (PCT/IL2016/051303)
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[30] US (62/263,868) 2015-12-07

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[25] EN
[54] **FENCE RAIL WITH CONCEALED FASTENER AND ANTI-RATTLING CAPABILITIES**
[54] **RAIL DE CLOTURE A ELEMENT DE FIXATION CACHE ET CAPACITES ANTI-CLAQUEMENT**
[72] ASH, JUSTIN JAY, US
[71] ASH, JUSTIN JAY, US
[85] 2018-06-04
[86] 2017-01-02 (PCT/US2017/012003)
[87] (WO2017/100804)
[30] US (62/265,257) 2015-12-09

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[25] EN
[54] **CLOSURE**
[54] **BOUCHON**
[72] CESARE, SLAVICA, US
[72] LALIER, GREGORY, US
[71] UNILEVER PLC, GB
[85] 2018-06-05
[86] 2016-12-19 (PCT/EP2016/081755)
[87] (WO2017/108697)
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[25] EN
[54] **CONVERTIBLE FURNITURE ITEM**
[54] **MEUBLE CONVERTIBLE**
[72] CIMADAMORE, ANNA LUISA, IT
[71] HSIGN S.R.L., IT
[85] 2018-06-05
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[25] EN
[54] **METHODS AND APPARATUS FOR TRIGGERING EXOTHERMIC REACTIONS**
[54] **PROCEDES ET APPAREIL DE DECLENCHEMENT DE REACTIONS EXOTHERMIQUES**
[72] LETTS, DENNIS G., US
[72] MURRAY, JOSEPH A., US
[72] MORRIS, JULIE A., US
[72] TANK, TUSHAR, US
[71] IH IP HOLDINGS LIMITED, GB
[85] 2018-06-04
[86] 2017-01-18 (PCT/US2017/013931)
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[30] US (62/263,121) 2015-12-04

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[25] EN
[54] **LIP BALM APPLICATOR AND METHOD FOR MANUFACTURING A LIP BALM APPLICATOR**
[54] **APPLICATEUR DE BAUME POUR LES LEVRES ET PROCEDE DE FABRICATION D'UN APPLICATEUR DE BAUME POUR LES LEVRES**
[72] KELDERS, QUINT, BE
[72] BROUWER, MARK, BE
[72] CLEIJ, MERVIN, BE
[71] AIROSOLUTIONS NV, BE
[85] 2018-06-05
[86] 2016-12-10 (PCT/IB2016/057519)
[87] (WO2017/098480)
[30] CH (01811/15) 2015-12-11

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[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/138 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **CONFIGURING A VELOCITY STRING IN A PRODUCTION TUBING OF A WET GAS PRODUCTION WELL**
[54] **CONFIGURATION DE RAME DE VITESSE DANS UN TUBE DE PRODUCTION D'UN PUITS DE PRODUCTION DE GAZ HUMIDE**
[72] CORNELISSEN, ERIK KERST, NL
[72] KRIESELS, PETRUS CORNELIS, NL
[72] KERSSENS, PJOTR, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-06-05
[86] 2016-12-20 (PCT/EP2016/081968)
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[30] EP (15202607.6) 2015-12-23

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[25] EN
[54] **VERSATILE FURNITURE ITEM**
[54] **MEUBLE POLYVALENT**
[72] CIMADAMORE, ANNA LUISA, IT
[71] HSIGN S.R.L., IT
[85] 2018-06-05
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING GASTRIC ULCERS**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DES ULCERES GASTRIQUES**
[72] BOVA, NICHOLAS, GB
[72] GARG, SANJAY, AU
[72] PAGE, STEPHEN, AU
[71] LUODA PHARMA PTY LIMITED, AU
[85] 2018-06-05
[86] 2016-12-08 (PCT/AU2016/051205)
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[30] AU (2015905078) 2015-12-08

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[54] **METHODS AND KITS FOR JOINING FRAGMENTED NUCLEIC ACIDS TOGETHER**
[54] **PROCEDES ET KITS PERMETTANT DE JOINDRE DES ACIDES NUCLEIQUES FRAGMENTES ENSEMBLE**
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[72] WANG, YUKER, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **MARQUEURS DE MASSE ISOBARIQUES**
[72] THOMPSON, ANDREW HUGIN, GB
[71] ELECTROPHORETICS LIMITED, GB
[85] 2018-06-05
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[54] **USE OF AN IONIZING DEVICE, DEVICE AND METHOD FOR IONIZING A GASEOUS SUBSTANCE AND DEVICE AND METHOD FOR ANALYZING A GASEOUS IONIZED SUBSTANCE**
[54] **UTILISATION D'UN DISPOSITIF D'IONISATION, DISPOSITIF ET PROCEDE D'IONISATION D'UNE SUBSTANCE GAZEIFORME AINSI QUE DISPOSITIF ET PROCEDE D'ANALYSE D'UNE SUBSTANCE IONISEE GAZEIFORME**
[72] WOLF, JAN-CHRISTOPH, DE
[71] PLASMION GMBH, DE
[85] 2018-06-05
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[54] **PROCEDE DE SECURISATION D'AU MOINS UNE ZONE MEMOIRE D'UN DISPOSITIF ELECTRONIQUE, MODULE DE SECURISATION, DISPOSITIF ELECTRONIQUE ET PROGRAMME D'ORDINATEUR CORRESPONDANTS**
[54] **METHOD FOR SECURING AT LEAST ONE MEMORY ZONE OF AN ELECTRONIC DEVICE, CORRESPONDING SECURING MODULE, ELECTRONIC DEVICE AND COMPUTER PROGRAM**
[72] NACCACHE, DAVID, FR
[72] GERAUD, REMI, FR
[72] KOUDOUSSI, HIBA, FR
[71] INGENICO GROUP, FR
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[54] **ENTHALPY EXCHANGER**
[54] **ECHANGEUR ENTHALPIQUE**
[72] MULLEN, CURTIS WARREN, CA
[72] KADYLAK, DAVID ERWIN, CA
[72] BARR, CHRISTOPHER ROBERT, CA
[72] DEAN, JAMES FRANKLIN, CA
[72] PEARSON, GUY TIMOTHY, CA
[71] CORE ENERGY RECOVERY SOLUTIONS INC., CA
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[54] **HAYON POUR VEHICULE**
[72] ESCOFFIER, ARNAUD, FR
[72] BAILEY, RICHARD, GB
[71] COMPAGNIE PLASTIC OMNIUM, FR
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[51] **Int.Cl. G21F 9/12 (2006.01) B01J 20/10 (2006.01) B01J 20/28 (2006.01)**
[25] EN
[54] **TREATMENT METHOD OF RADIOACTIVE WASTE WATER CONTAINING RADIOACTIVE CESIUM AND RADIOACTIVE STRONTIUM**
[54] **PROCEDE DE TRAITEMENT DE DECHETS LIQUIDES RADIOACTIFS CONTENANT DU CESIUM RADIOACTIF ET DU STRONTIUM RADIOACTIF**
[72] SAKUMA, TAKASHI, JP
[72] KOMATSU, MAKOTO, JP
[72] IZUMI, TAKESHI, JP
[72] MIYABE, SHINSUKE, JP
[72] KINOSE, YUTAKA, JP
[72] KOZASU, KENTA, JP
[72] NOGUCHI, EIJI, JP
[72] SAKAMOTO, TAKESHI, JP
[71] EBARA CORPORATION, JP
[71] NIPPON CHEMICAL INDUSTRIAL CO., LTD., JP
[85] 2018-06-05
[86] 2016-12-06 (PCT/JP2016/086127)
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[25] EN
[54] **DELIVERY METHOD FOR ENABLING ADVERTISEMENT OF DELIVERY ORDERER**
[54] **PROCEDE DE DISTRIBUTION PERMETTANT D'ACTIVER UNE PUBLICITE DE DONNEUR D'ORDRE DE LIVRAISON**
[72] CHANG, YOUNG CHEOL, KR
[71] CHANG, YOUNG CHEOL, KR
[85] 2018-06-05
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[54] **INTEGRATED FLUID ADMINISTRATION SYSTEM**
[54] **SYSTEME INTEGRE D'ADMINISTRATION DE LIQUIDE**
[72] MONTI, JAMES, JR., US
[71] MONTI, JAMES, JR., US
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[25] EN
[54] **METHODS AND APPARATUSES FOR ASSESSMENT AND MANAGEMENT OF HEMODYNAMIC STATUS**
[54] **PROCEDES ET APPAREILS POUR L'EVALUATION ET LA GESTION DE L'ETAT HEMODYNAMIQUE**
[72] ROBINSON, MARK RIES, US
[72] ALLEN, ELENA A., US
[71] MEDICI TECHNOLOGIES, LLC, US
[85] 2018-06-05
[86] 2016-12-06 (PCT/US2016/065140)
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[25] EN
[54] **NOVEL BICYCLIC-COMPOUNDS FOR USE AS A MEDICAMENT, IN PARTICULAR FOR TREATMENT OF PARKINSON'S DISEASE**
[54] **NOUVEAUX COMPOSES BICYCLIQUES DESTINES A ETRE UTILISES COMME MEDICAMENT, EN PARTICULIER POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] KOESTER, HUBERT, CH
[72] VON KLEIST, LISA, DE
[72] MICHAELIS, SIMON, DE
[72] BARTHO, KATHRIN, DE
[72] SCHLIEF, MAREN, DE
[72] DREGER, MATHIAS, DE
[72] SCHREY, ANNA K., DE
[72] SEFKOW, MICHAEL, DE
[72] KROLL, FRIEDRICH, DE
[72] OHLENDORF, DANIEL, DE
[72] LUO, YAN, DE
[71] KOESTER, HUBERT, CH
[85] 2018-06-05
[86] 2016-12-19 (PCT/EP2016/081792)
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[54] **TREATMENT METHOD OF RADIOACTIVE WASTE WATER CONTAINING RADIOACTIVE CESIUM AND RADIOACTIVE STRONTIUM**
[54] **PROCEDE DE TRAITEMENT DE DECHETS RADIOACTIFS LIQUIDES COMPRENANT DU CESIUM RADIOACTIF ET DU STRONTIUM RADIOACTIF**
[72] SAKUMA, TAKASHI, JP
[72] KOMATSU, MAKOTO, JP
[72] IZUMI, TAKESHI, JP
[72] MIYABE, SHINSUKE, JP
[72] KINOSE, YUTAKA, JP
[72] KIKUCHI, MASAHIRO, JP
[72] SAKAMOTO, TAKESHI, JP
[71] EBARA CORPORATION, JP
[71] NIPPON CHEMICAL INDUSTRIAL CO., LTD., JP
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[54] **DOWN-HOLE VIBRATIONAL OSCILLATOR**
[54] **OSCILLATEUR VIBRATOIRE DE FOND DE PUITS**
[72] ORBAN, ANDRE, US
[72] LERNER, DANIEL MAURICE, US
[71] AOI (ADVANCED OILFIELD INNOVATIONS, INC.), US
[85] 2018-06-05
[86] 2015-12-04 (PCT/US2015/063901)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR KINASE MODULATION, AND INDICATIONS THEREFOR**
[54] **COMPOSES ET PROCEDES POUR LA MODULATION DE KINASE, ET INDICATIONS ASSOCIEES**
[72] WU, GUOXIAN, US
[72] WU, JEFFREY, US
[72] CHAN, KATRINA, US
[72] DONG, KEN, US
[72] EWING, TODD, US
[72] IBRAHIM, PRABHA N., US
[72] LIN, JACK, US
[72] SPEVAK, WAYNE, US
[72] ZHANG, YING, US
[71] PLEXXIKON INC., US
[85] 2018-06-05
[86] 2016-12-06 (PCT/US2016/065179)
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[51] **Int.Cl. G05B 19/418 (2006.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **DISPLAY METHOD, DISPLAY PROGRAM, AND DISPLAY CONTROL DEVICE**
[54] **PROCEDE D'AFFICHAGE, PROGRAMME D'AFFICHAGE ET DISPOSITIF DE COMMANDE D'AFFICHAGE**
[72] NOMAMOTO, SATOSHI, JP
[72] NISHIMURA, TAKEHIKO, JP
[71] FUJITSU LIMITED, JP
[85] 2018-06-05
[86] 2015-12-09 (PCT/JP2015/084583)
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[25] EN
[54] **BROADCAST SYSTEM WITH A WATERMARK PAYLOAD**
[54] **SYSTEME DE RADIODIFFUSION A CHARGE UTILE DE FILIGRANE NUMERIQUE**
[72] DESHPANDE, SACHIN G., US
[72] MISRA, KIRAN ., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-06-05
[86] 2016-12-08 (PCT/JP2016/086598)
[87] (WO2017/099185)
[30] US (62/266,545) 2015-12-11
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[25] EN
[54] **THICK STEEL PLATE HAVING EXCELLENT LOW-TEMPERATURE TOUGHNESS AND HYDROGEN-INDUCED CRACKING RESISTANCE, AND METHOD FOR MANUFACTURING SAME**
[54] **TOLE D'ACIER EPAISSE PRESENTANT UNE TENACITE A BASSE TEMPERATURE ET UNE RESISTANCE A LA FISSURATION INDUITE PAR HYDROGENE EXCELLENTES, ET SON PROCEDE DE FABRICATION**
[72] KOH, SEONG-UNG, KR
[72] PARK, JAE-HYUN, KR
[72] PARK, YOEN-JUNG, KR
[72] BAE, MOO-JONG, KR
[71] POSCO, KR
[85] 2018-06-05
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[30] KR (10-2015-0183268) 2015-12-21

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[25] EN
[54] **COMPUTER ARCHITECTURE AND METHOD FOR MODIFYING DATA INTAKE PARAMETERS BASED ON A PREDICTIVE MODEL**
[54] **ARCHITECTURE INFORMATIQUE ET PROCEDE DE MODIFICATION DE PARAMETRES D'ENTREE DE DONNEES BASE SUR UN MODELE PREDICTIF**
[72] GOLDSTEIN, MICHAEL, US
[72] RAVENSBERG, TOM, US
[72] HANSMANN, WILL, US
[71] UPTAKE TECHNOLOGIES, INC., US
[85] 2018-06-05
[86] 2016-12-07 (PCT/US2016/065262)
[87] (WO2017/100245)
[30] US (14/963,208) 2015-12-08
[30] US (14/963,209) 2015-12-08
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[25] EN
[54] **METHOD FOR CONTROLLING FUEL CELL SYSTEM AND FUEL CELL SYSTEM**
[54] **METHODE DE CONTROLE DE SYSTEME DE PILE A COMBUSTIBLE ET SYSTEME DE PILE A COMBUSTIBLE**
[72] MAESHIMA, SUSUMU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-05
[86] 2016-10-20 (PCT/JP2016/081127)
[87] (WO2017/104255)
[30] JP (2015-243820) 2015-12-15

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[25] EN
[54] **METHOD OF PRODUCING AROMATIC AMIDE DERIVATIVE**
[54] **PROCEDE DE PRODUCTION D'UN DERIVE AMIDE AROMATIQUE**
[72] TAKAHASHI, YUSUKE, JP
[72] IKISHIMA, HIDEAKI, JP
[72] OKURA, HIRONARI, JP
[71] MITSUI CHEMICALS AGRO, INC., JP
[85] 2018-06-05
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[54] **OPPOSED IMPELLER WEAR RING UNDERCUT TO OFFSET GENERATED AXIAL THRUST IN MULTI-STAGE PUMP**
[54] **DEGAGEMENT DE BAGUE D'USURE DE TURBINES OPPOSEES POUR DECALER UNE POUSSEE AXIALE GENEREE DANS UNE POMPE MULTI-ETAGES**
[72] RUZICKA, PAUL, US
[72] FELIX, CHRISTOPHER, US
[71] FLUID HANDLING LLC, US
[85] 2018-06-05
[86] 2016-12-07 (PCT/US2016/065333)
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[25] EN
[54] **WORK MACHINE MANAGEMENT SYSTEM, WORK MACHINE CONTROL SYSTEM, AND WORK MACHINE**
[54] **SYSTEME DE GESTION D'ENGIN DE TRAVAUX, SYSTEME DE COMMANDE D'ENGIN DE TRAVAUX, ET ENGIN DE TRAVAUX**
[72] OGIHARA, MASANORI, JP
[72] TAKEDA, KOJI, JP
[72] OZAKI, TOMONORI, JP
[72] NISHIJIMA, AKIHARU, JP
[72] KOU, RYUUEN, JP
[71] KOMATSU LTD., JP
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[86] 2016-11-15 (PCT/JP2016/083755)
[87] (WO2017/104329)
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[54] **METHOD AND SYSTEM FOR MONITORING BUILDING STRUCTURES**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE D'ELEMENTS DE CONSTRUCTION DE BATIMENTS**
[72] DOWDALL, BRENDAN P., US
[72] TWOMEY, RYAN P., US
[72] ARCOLEO, FRANK, US
[72] HALFMAN, MARK DOUGLAS, US
[72] PARIS, JAMES, US
[71] STRUCTURAL HEALTH SYSTEMS, INC., US
[85] 2018-06-05
[86] 2016-12-07 (PCT/US2016/065335)
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[25] EN
[54] **ION-CONDUCTING MEMBRANE PRODUCTION METHOD AND PRODUCTION DEVICE**
[54] **PROCEDE DE PRODUCTION DE MEMBRANE CONDUCTRICE D'IONS ET DISPOSITIF DE PRODUCTION**
[72] FUKUDA, SEIJI, JP
[72] YABUUCHI, YUKO, JP
[71] TORAY INDUSTRIES, INC., JP
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[25] EN
[54] **DUAL CONTROLS FOR THERAPEUTIC CELL ACTIVATION OR ELIMINATION**
[54] **DOUBLES COMMANDES POUR L'ACTIVATION OU L'ELIMINATION DE CELLULES THERAPEUTIQUES**
[72] BAYLE, JOSEPH HENRI, US
[72] DUONG, MYLINH THI, US
[72] COLLINSON-PAUTZ, MATTHEW ROBERT, US
[72] FOSTER, AARON EDWARD, US
[72] SPENCER, DAVID MICHAEL, US
[71] BELLICUM PHARMACEUTICALS, INC., US
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[25] EN
[54] **RECOMBINANT RESPIRATORY SYNCYTIAL VIRUS STRAINS COMPRISING NS1 AND NS2 GENE SHIFTS**
[54] **SOUCHES DE VIRUS RESPIRATOIRES SYNCYTIAUX RECOMBINES COMPRENANT DES DECALAGES DES GENES NS1 ET NS2**
[72] COLLINS, PETER L., US
[72] MCCARTY, THOMAS CHARLES, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2018-06-05
[86] 2016-12-12 (PCT/US2016/066142)
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[30] US (62/266,206) 2015-12-11

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[25] EN
[54] **INTERACTIVE TELEMATICS SYSTEM**
[54] **SYSTEME TELEMATIQUE INTERACTIF**
[72] MYERS, JOEL N., US
[72] MCGEEVER, CASEY, US
[72] PORTER, JONATHAN, US
[72] ROOT, MICHAEL R., US
[72] SMITH, MICHAEL, US
[72] STEINBERG, MICHAEL A., US
[72] LEBLANC, ANDRE, CA
[71] LOCATOR IP, LP, US
[85] 2018-06-05
[86] 2016-12-12 (PCT/US2016/066198)
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[30] US (62/266,420) 2015-12-11

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[25] EN
[54] **MATERIALS AND METHODS FOR DELIVERING NUCLEIC ACIDS TO COCHLEAR AND VESTIBULAR CELLS**
[54] **MATERIAUX ET METHODES PERMETTANT D'APPORTER DES ACIDES NUCLEIQUES A DES CELLULES COCHLEAIRES ET VESTIBULAIRES**
[72] STANKOVIC, KONSTANTINA, US
[72] VANDENBERGHE, LUK H., US
[72] HOLT, JEFFREY, US
[72] GALEOC, GWENAELLE, US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] SCHEPENS EYE RESEARCH INSTITUTE, US
[85] 2018-06-05
[86] 2016-12-12 (PCT/US2016/066225)
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[30] US (62/266,462) 2015-12-11
[30] US (62/266,477) 2015-12-11

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[51] **Int.Cl. A61B 5/02 (2006.01)**
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[54] **EVALUATION OF RESPIRATORY VOLUME MONITORING TO DETECT RESPIRATORY COMPROMISE BEFORE PULSE OXIMETRY AND ELIMINATE FALSE DESATURATION ALARMS**
[54] **EVALUATION DE LA SURVEILLANCE DU VOLUME RESPIRATOIRE POUR DETECTER DES COMPROMIS RESPIRATOIRES AVANT L'OXYMETRIE PULSEE ET POUR ELIMINER DE FAUSSES ALARMES DE DESATURATION**
[72] FREEMAN, JENNY E., US
[72] BRAYANOV, JORDAN, US
[72] EVERSOLE, DANIEL, US
[72] BOCK, MALCOLM G., US
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[54] **PEROXYFORMIC ACID COMPOSITIONS FOR MEMBRANE FILTRATION CLEANING**
[54] **COMPOSITIONS D'ACIDE PEROXYFORMIQUE POUR LE NETTOYAGE DES MEMBRANES DE FILTRATION**
[72] LI, JUNZHONG, US
[72] BUNDERS, CYNTHIA, US
[72] STAUB, RICHARD, US
[72] SCHACHT, PAUL, US
[72] POWER, CALEB, US
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[54] **SYSTEMS AND METHODS FOR RESOLVING DATA DISCREPANCY**
[54] **SYSTEMES ET PROCEDES POUR RESOUDRE DES DIVERGENCES DE DONNEES**
[72] JOHNSON, CHRISTOPHER SOAMES, US
[72] GIBBS, CATHY, US
[72] CLARK, JIMMIE RUSSELL, US
[71] WALMART APOLLO, LLC, US
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[54] **WIDE SPEED RANGE CONCRETE MONITORING CALIBRATION**
[54] **ETALONNAGE DE CONTROLE DE BETON A LARGE PLAGE DE VITESSE**
[72] TREGGER, NATHAN A., US
[72] ROBERTS, MARK F., US
[72] HAZRATI, KATI, US
[72] GOLDSTEIN, GREG A., US
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[54] **AQUEOUS PHARMACEUTICAL FORMULATION COMPRISING ANTI-PD-1 ANTIBODY AVELUMAB**
[54] **FORMULATION PHARMACEUTIQUE AQUEUSE COMPRENANT UN ANTICORPS ANTI-PD-1, L'AVELUMAB**
[72] RINALDI, GIANLUCA, IT
[72] DEL RIO, ALESSANDRA, IT
[72] FRATARCANGELI, SILVIA, IT
[72] VOSS, SENTA, DE
[72] WEIGANDT, MARKUS, DE
[71] MERCK PATENT GMBH, DE
[71] PFIZER INC., US
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[54] **MULTIFUNCTIONAL SUPERHYDROPHOBIC PARTICLES FOR CHEMICAL ADHESION AND BLOOMING**
[54] **PARTICULES SUPER-HYDROPHOBES MULTIFONCTIONNELLES POUR ADHERENCE CHIMIQUE ET EFFLORESCENCE**
[72] VENEMA, PETER CRAIG, US
[71] VELOX FLOW, LLC, US
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[54] **PROCESS FOR PREPARATION OF AN ENTERIC COATED GRANULATE COMPRISING DIMETHYL FUMARATE**
[54] **PROCEDE POUR LA PREPARATION D'UN GRANULE A REVETEMENT GASTRO-RESISTANT COMPRENANT DU FUMARATE DE DIMETHYLE**
[72] SKOCZEN, PRZEMYSLAW, PL
[72] DROZD, ALEKSANDRA, PL
[72] CICHOCKI, MAREK, PL
[71] ZAKLADY FARMACEUTYCZNE POLPHARMA S.A., PL
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[54] **SULFUR DIOXIDE SCRUBBING SYSTEM AND PROCESS FOR PRODUCING POTASSIUM PRODUCTS**
[54] **SYSTEME D'ELIMINATION DU DIOXYDE DE SOUFRE ET PROCEDE DE PRODUCTION DE PRODUITS DE POTASSIUM**
[72] HOJJATIE, MICHAEL MASSOUD, US
[72] LOCKHART, CONSTANCE LYNN FRANK, US
[72] DIMITRIADIS, ALEXANDROS, US
[72] CLARKSON, MARK P., US
[72] KOMINSKI, HARRY CHARLES, US
[72] VAN CAUWENBERGH, JEROEN, US
[72] SHULT, NICHOLAS S., US
[72] GOLDSMITH, ADAM T., US
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[54] **ELECTRONIC OVEN WITH REFLECTIVE ENERGY STEERING**
[54] **FOUR A MICRO-ONDES A POINTAGE D'ENERGIE REFLECHISSANTE**
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[71] THE MARKOV CORPORATION, US
[85] 2018-06-04
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[54] **MULTIBEAM ELEMENT-BASED BACKLIGHT AND DISPLAY USING SAME**
[54] **RETROECLAIRAGE FAISANT INTERVENIR UN ELEMENT A FAISCEAUX MULTIPLES ET AFFICHAGE FAISANT APPEL A CELUI-CI**
[72] FATTAL, DAVID A., US
[72] MA, MING, US
[72] LI, XUEJIAN, US
[71] LEIA INC., US
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[54] **MELANGES DE CAOUTCHOUC**
[72] ROBEN, CAREN, DE
[72] ERHARDT, SASCHA, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **OXIDATION PROCESS FOR PRODUCING POTASSIUM THIOSULFATE**
[54] **PROCEDE D'OXYDATION POUR LA PRODUCTION DE THIOSULFATE DE POTASSIUM**
[72] HOJJATIE, MICHAEL MASSOUD, US
[72] LOCKHART, CONSTANCE LYNN FRANK, US
[72] DIMITRIADIS, ALEXANDROS, US
[72] CLARKSON, MARK P., US
[72] KOMINSKI, HARRY CHARLES, US
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[72] GOLDSMITH, ADAM T., US
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[54] **ENTERIC COATED ORAL PHARMACEUTICAL PREPARATION COMPRISING DIMETHYL FUMARATE**
[54] **PREPARATION PHARMACEUTIQUE ORALE A ENROBAGE ENTERIQUE COMPRENANT DU FUMARATE DE DIMETHYLE**
[72] DROZD, ALEKSANDRA, PL
[72] SKOCZEN, PRZEMYSLAW, PL
[72] CICHOCKI, MAREK, PL
[71] ZAKLADY FARMACEUTYCZNE POLPHARMA S.A., PL
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[54] **DISPOSITIF DE TRAITEMENT BUCCAL**
[72] DEMAREST, SCOTT, US
[72] TATU, FRANCIS, US
[72] BARTLETT, MARK, US
[72] LAVENDER, STACEY, US
[72] JOHANSSON, PATRIK, US
[72] MOSBY, SCOTT, US
[72] LOWENTHAL, MARK, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **USE OF TRYPTOPHAN DERIVATIVES FOR PROTEIN FORMULATIONS**
[54] **UTILISATION DE DERIVES DU TRYPTOPHANE POUR FORMULATIONS PROTEIQUES**
[72] SHARMA, VIKAS, US
[72] LEISKE, DANIELLE, US
[72] HAMBURG, LYDIA, US
[72] SALISBURY, CLEO, US
[71] GENENTECH, INC., US
[85] 2018-06-05
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[54] **INHIBITORS OF EZH2 AND METHODS OF USE THEREOF**
[54] **INHIBITEURS DE EZH2 ET LEURS METHODES D'UTILISATION**
[72] BLAKEMORE, STEPHEN, US
[72] DAIGLE, SCOTT RICHARD, US
[71] EPIZYME, INC., US
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[54] **MOLECULES D'ANTICORPS MULTISPECIFIQUES AYANT UNE SPECIFICITE POUR TNF-ALPHA, IL-17A ET IL-17F**
[72] ADAMS, RALPH, GB
[72] BHATTA, PALLAVI, GB
[72] DAVE, EMMA, GB
[72] HEYWOOD, SAM PHILIP, GB
[72] HUMPHREYS, DAVID PAUL, GB
[72] MARSHALL, DIANE, GB
[72] SHAW, STEVAN GRAHAM, GB
[72] LIGHTWOOD, DANIEL JOHN, GB
[71] UCB BIOPHARMA SPRL, BE
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[54] **JOINT D'ETANCHEITE AVEC SAILLIES DE LEVRE**
[72] BANCROFT, PHILIP WAYNE, US
[72] BOWMAN, MATTHEW A., US
[72] YOVANOVICH, KATHRYN E., US
[71] VICTAULIC COMPANY, US
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[54] **PEPTIDES DE CIBLAGE POUR DIRIGER DES VIRUS ADENO-ASSOCIES (AAV)**
[72] DEVERMAN, BENJAMIN E., US
[72] GRADINARU, VIVIANA, US
[72] CHAN, KEN Y., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **SYSTEMES ET PROCEDES DE RESEAU VIRTUELS DISPERSIFS**
[72] TWITCHELL, ROBERT W., JR., US
[71] DISPERSIVE NETWORKS, INC., US
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[25] EN
[54] **GYPSUM PRODUCT COMPOSITION, GYPSUM PRODUCTS, AND A METHOD FOR USING A COMPOUND IN GYPSUM BOARD**
[54] **COMPOSITION DE PRODUIT A BASE DE GYPSE, PRODUITS A BASE DE GYPSE ET PROCEDE D'UTILISATION D'UN COMPOSE DANS UNE PLAQUE DE GYPSE**
[72] IRONSIDE, KANE, CN
[72] SONG, HAO, CN
[71] SAINT-GOBAIN PLACO, FR
[85] 2018-06-05
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[54] **MATRICE POUR PRESSE DE RETREINTE**
[72] TURNER, KELVIN, US
[72] KRANZ, STEVEN, US
[71] AFL TELECOMMUNICATIONS LLC, US
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[54] **EQUILIBRAGE DE FLUX DANS UN SYSTEME DE NETTOYAGE DE ROBOT DE CUISINE**
[72] SMITH, NATHAN E., US
[72] TUCHRELO, ROBERT, US
[71] IDEA BOXX, LLC, US
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[54] **DISPOSITIFS IMPLANTABLES ET PROCEDES DE SURVEILLANCE COPD DE PATIENTS**
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[72] KEENAN, DESMOND B., US
[71] THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
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[54] **SYSTEME DE SURVEILLANCE D'INSUFFISANCE CARDIAQUE OBSERVATIONNEL**
[72] ROBINSON, MARK RIES, US
[72] ALLEN, ELENA A., US
[71] MEDICI TECHNOLOGIES, LLC, US
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[54] **SYSTEM AND METHOD FOR DECISION SUPPORT USING LIFESTYLE FACTORS**
[54] **SYSTEME ET PROCEDE D'AIDE A LA DECISION A L'AIDE DE FACTEURS DE MODE DE VIE**
[72] DAVIS, ANNA LEIGH, US
[72] BHAVARAJU, NARESH C., US
[72] BLACKWELL, JENNIFER, US
[72] BOWMAN, LEIF N., US
[72] CABRERA, ESTEBAN, JR., US
[72] CONSTANTIN, ALEXANDRA ELENA, US
[72] DATTARAY, BASAB, US
[72] DRAEGER, RIAN, US
[72] HEINTZMAN, NATHANIEL DAVID, US
[72] JEPSON, LAUREN HRUBY, US
[72] KAMATH, APURV ULLAS, US
[72] KOEHLER, KATHERINE YERRE, US
[72] PAL, ANDREW ATTILA, US
[72] REIHMAN, ELI, US
[72] WALKER, TOMAS C., US
[71] DEXCOM, INC., US
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[54] **METHOD AND SYSTEM FOR CHARACTERIZATION OF CLOSTRIDIUM DIFFICILE-ASSOCIATED CONDITIONS**
[54] **PROCEDE ET SYSTEME DE CARACTERISATION D'AFFECTIONS ASSOCIEES A CLOSTRIDIUM DIFFICILE**
[72] ALMONACID, DANIEL, US
[72] APTE, ZACHARY, US
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[71] UBIOME, INC., US
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[54] **ELECTRONIC ACCESS CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE D'ACCES ELECTRONIQUE**
[72] WISHNE, JUSTIN, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2018-06-05
[86] 2016-12-07 (PCT/US2016/065373)
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[30] US (62/263,801) 2015-12-07

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[54] **METHOD FOR COMPACTING THE BALLAST BED OF A TRACK, AND TAMPING UNIT**
[54] **PROCEDE DE COMPACTAGE DU LIT DE BALLAST D'UNE VOIE FERREE ET ENSEMBLE DE BOURRAGE**
[72] HOFSTATTER, JOSEF, AT
[72] PHILIPP, THOMAS, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
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[54] **COULTER MOUNTED SOIL CONSTITUENT SENSOR**
[54] **CAPTEUR DE COMPOSANTS DE SOL MONTE SUR COUTRE**
[72] EISING, ERIK, CA
[72] PRYSTUPA, DAVID A., CA
[71] 7108789 MANITOBA INC., CA
[85] 2018-06-06
[86] 2016-11-25 (PCT/CA2016/000289)
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[54] **SYSTEME DE PANNEAUX DE SALLE BLANCHE**
[72] TANGUAY, PATRICIA, CA
[72] LAROCQUE, PIERRE, CA
[71] CONCEPT BIO-SECURITE INC., CA
[85] 2018-06-06
[86] 2016-12-13 (PCT/CA2016/051468)
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[54] **N□UD DE RESEAU, DISPOSITIF SANS FIL, PROCEDES ET PROGRAMMES D'ORDINATEUR**
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[72] ALRIKSSON, PETER, SE
[72] SUGIRTHARAJ, DAVID, SE
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[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **SYSTEME D'ENERGIE EOLIENNE COMPRENANT UNE STRUCTURE DE CANYON**
[72] BARLOT, JEAN, CA
[71] STARGREEN POWER CORPORATION, CA
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[54] **TECHNIQUE FOR DIRECTING AUDIO IN AUGMENTED REALITY SYSTEM**
[54] **TECHNIQUE D'ORIENTATION AUDIO DANS UN SYSTEME DE REALITE AUGMENTEE**
[72] SANGER, GEORGE ALISTAIR, US
[72] MILLER, SAMUEL A., US
[72] SCHMIDT, BRIAN, US
[72] TAJIK, ANASTASIA ANDREYEVNA, US
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[72] YANG, NING, CN
[72] LIN, YANAN, CN
[72] TANG, HAI, CN
[72] FENG, BIN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **MOTIF ENTRELACE DE FAISCEAUX POUR SONOTHROMBOLYSE ET D'AUTRES THERAPIES MEDIEES PAR RESONATEUR ACOUSTIQUE VASCULAIRE**
[72] DIANIS, SCOTT WILLIAM, NL
[72] POWERS, JEFFRY EARL, NL
[72] SEIP, RALF, NL
[72] SHI, WILLIAM TAO, NL
[72] BOHREN, YANNICK, NL
[72] GAUD, EMMANUEL JEAN-MARIE, NL
[72] HYVELIN, JEAN-MARC PAUL ROBERT, NL
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[54] **ACTIONNEUR ROTATIF A POSITIONNEMENT MULTIPLE CONTROLE PAR UN FLUIDE**
[72] VILLERET, GUILLAUME, FR
[72] TADINO, VINCENT, BE
[72] LORENT, MARC, FR
[72] ORLEANS, ADRIEN, BE
[71] OUT AND OUT CHEMISTRY SPRL, BE
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[54] **SYSTEMS AND METHODS FOR DISPLAY DEVICE AND SENSOR ELECTRONICS UNIT COMMUNICATION**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION DE DISPOSITIF D'AFFICHAGE ET D'UNITE ELECTRONIQUE DE CAPTEUR**
[72] WEDEKIND, JEFFREY R., US
[72] BURNETTE, DOUGLAS WILLIAM, US
[72] MANDAPAKA, ADITYA, US
[72] MCDANIEL, ZEBEDIAH L., US
[72] SIMPSON, PETER C., US
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[54] **AEROSOL-GENERATING SYSTEM WITH PUMP**
[54] **SYSTEME DE GENERATION D'AEROSOL AVEC POMPE**
[72] PHILLIPS, SHAUN, GB
[72] RENFREW, BRUCE, GB
[72] MAZUR, BEN, GB
[72] BRIGHT, BEN, GB
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **LASER DEVICE FOR SELECTIVE TREATMENT OF ACNE WITH REDUCED SKIN TEMPERATURE INCREASE**
[54] **DISPOSITIF LASER POUR LE TRAITEMENT SELECTIF DE L'ACNE AVEC UNE AUGMENTATION REDUITE DE LA TEMPERATURE CUTANEE**
[72] TAGLIAFERRI, MARCO, IT
[72] CANNONE, FABIO, IT
[72] GROLLA, GIANLUCA, IT
[71] QUANTA SYSTEM S.P.A., IT
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[54] **GRILLING PAN FOR COOKING PROTEINS**
[54] **DISPOSITIF DE CUISSON AU GRIL POUR LA CUISSON DE PROTEINES**
[72] TRESSER, SARAH J., US
[72] PREAVY, SEAN M., US
[72] SWAYZE, DANIEL J., US
[71] G.S. BLODGETT CORPORATION, US
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[54] **MELANGES DE CAOUTCHOUC**
[72] ROBEN, CAREN, DE
[72] ERHARDT, SASCHA, DE
[72] FORSTER, FRANK, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **EXTREMITE DE CANETTE AVEC ELEMENT D'AERATION**
[72] RAMSEY, CHRISTOPHER PAUL, GB
[72] GROVES, THOMAS ALEXANDER, GB
[72] FRANCO, ANTHONY CHARLES, US
[71] CROWN PACKAGING TECHNOLOGY, INC., US
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[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
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[54] **PROCEDE POUR L'ANALYSE DE TRANSCRIPTOME DE CELLULES INDIVIDUELLES**
[72] GERARD, ANNABELLE PATRICIA VERONIQUE, FR
[72] GROSSELIN, KEVIN ARMAND, FR
[72] POITOU, ADELINE FREDERIQUE JOELLE, FR
[72] ELLOUZE, SAMI, FR
[72] POUSSE, YANNICK MICHEL LOUIS, FR
[72] REICHEN, MARCEL, CH
[72] JENSEN, ALLAN, DK
[72] BRENAN, COLIN, US
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[54] **PRESENTATION D'ELEMENTS DE CONTENU A UN UTILISATEUR D'UN SYSTEME EN LIGNE EN UNE SEQUENCE BASEE SUR UNE INTERACTION DE L'UTILISATEUR AVEC LES ELEMENTS DE CONTENU**
[72] LINTERMANS, HANS T., US
[72] PATHER, SHYAMALAN, US
[72] MONTGOMERY, ELAINE BRECHIN, US
[72] CHAKRABORTY, TANMOY, US
[71] FACEBOOK, INC., US
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[54] **RETROECLAIRAGE A BASE D'ELEMENTS A FAISCEAUX MULTIPLES A VUES CONVERGENTES**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
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[25] EN
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[54] **APPAREIL DE STEREOLITHOGRAPHIE COMPORTANT UN DISPOSITIF DE CARTOUCHE**
[72] STADLMANN, KLAUS, AT
[71] STADLMANN, KLAUS, AT
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[54] **LEACHING AIDS AND METHODS OF USING LEACHING AIDS**
[54] **ADJUVANTS DE LIXIVIATION ET LEURS PROCEDES D'UTILISATION**
[72] BENDER, JACK, US
[72] EMMERICH, NATHAN C., US
[72] BREWER, RUSSELL VINCENT, US
[72] HIGHT, LAUREN MICHELLE, US
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[54] **METHOD FOR DIRECT PRODUCTION OF GASOLINE-RANGE HYDROCARBONS FROM CO2 HYDROGENATION**
[54] **PROCEDE DE PREPARATION DIRECTE D'HYDROCARBURES DE FRACTION D'ESSENCE PAR HYDROGENATION DE DIOXYDE DE CARBONE**
[72] GE, QINGJIE, CN
[72] WEI, JIAN, CN
[72] XU, HENGYONG, CN
[71] DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, CN
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[54] **METHOD FOR LIQUEFYING NATURAL GAS AND NITROGEN**
[54] **PROCEDE DE LIQUEFACTION DE GAZ NATUREL ET D'AZOTE**
[72] CHAMBRON, NICOLAS, FR
[72] DUBETTIER-GRENIER, RICHARD, FR
[72] JOLY, LOIC, FR
[72] MEUNIER, VIANNEY, FR
[72] SZAMLEWSKI, CHRISTOPHE, FR
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[54] **POSTE DE COMMANDE POUR PLATE-FORME DE TRAVAIL DE NACELLE ELEVATRICE**
[72] PAROT, SEBASTIEN, FR
[72] LUMINET, PHILIPPE, FR
[72] BONNEFOY, NICOLAS, FR
[71] HAULOTTE GROUP, FR
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[54] **REFROIDISSEMENT PASSIF DE REACTEUR DE FISSION**
[72] SCOTT, IAN RICHARD, GB
[71] SCOTT, IAN RICHARD, GB
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[54] **PRESSED COMPONENT MANUFACTURING METHOD, PRESS, AND PRESS LINE**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE MOULE A LA PRESSE, DISPOSITIF DE PRESSE ET LIGNE DE PRESSE**
[72] SUZUKI, TOSHIYA, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] NAKATA, MASAHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[72] SCOTT, IAN RICHARD, GB
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[54] **COMPRESSION-MOLDED PREPARATION**
[54] **PREPARATION MOULEE PAR COMPRESSION**
[72] HATTORI, NAOTO, JP
[72] YASUDA, AKIHITO, JP
[72] SASAKI, HITOSHI, JP
[72] ONUKI, YOICHI, JP
[72] OSAWA, RYOICHI, JP
[71] NIPPON SHINYAKU CO., LTD., JP
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[25] EN
[54] **WOOD MATERIAL BOARD WITH REDUCED EMISSION OF VOLATILE ORGANIC COMPOUNDS (VOCS) AND METHOD FOR THE PRODUCTION THEREOF**
[54] **PANNEAU EN MATERIAU DERIVE DU BOIS PRESENTANT UNE EMISSION REDUITE DE COMPOSES ORGANIQUES VOLATILES (COV) ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] KALWA, NORBERT, DE
[72] SIEMS, JENS, DE
[71] SWISS KRONO TEC AG, CH
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[54] **CONTROLE D'INTEGRITE DE MATERIEL**
[72] FORLER, EDOUARD, CH
[72] BORGEAUD, JONATHAN, CH
[72] SELTZER, STEVEN, CH
[71] NAGRAVISION SA, CH
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[54] **ANTIBODY MOLECULES WHICH BIND TNF ALPHA**
[54] **MOLECULES D'ANTICORPS QUI SE LIENT AU TNF ALPHA**
[72] ADAMS, RALPH, GB
[72] BHATTA, PALLAVI, GB
[72] DAVE, EMMA, GB
[72] HEYWOOD, SAM PHILIP, GB
[72] HUMPHREYS, DAVID PAUL, GB
[72] MARSHALL, DIANE, GB
[72] LIGHTWOOD, DANIEL JOHN, GB
[71] UCB BIOPHARMA SPRL, BE
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[25] EN
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[54] **DOSAGE DU COLLAGENE DE TYPE VII ALPHA 1**
[72] SAND, JANNIE MARIE BULOW, DK
[72] LEEMING, DIANA JULIE, DK
[72] KARSDAL, MORTEN, DK
[71] NORDIC BIOSCIENCE A/S, DK
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[25] EN
[54] **METHOD FOR OPERATING A MULTI-CYCLONE FOR THE SEPARATION OF FINE AND VERY FINE GRAIN AS WELL AS A MULTI-CYCLONE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN MULTICYCLONE POUR SEPARER DU GRAIN FIN ET DU GRAIN TRES FIN, ET MULTICYCLONE**
[72] WULFERT, HOLGER, DE
[72] BATZ, ANDRE, DE
[72] RUHKAMP, WINFRIED, DE
[71] LOESCHE GMBH, DE
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[51] **Int.Cl. C09K 8/58 (2006.01) B01D 17/02 (2006.01) B01D 61/14 (2006.01) B01D 63/02 (2006.01) C02F 1/44 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING OIL AND VISCOSIFYING POLYMERS IN POLYMER-FLOOD PRODUCED WATER**
[54] **PROCEDE DE RECUPERATION DE PETROLE ET DE POLYMERES AMELIORANT L'INDICE DE VISCOSITE DANS DE L'EAU DE PRODUCTION ISSUE DE L'INJECTION DE POLYMERES**
[72] SUTTON-SHARP, EMILIE, FR
[71] SUEZ GROUPE, FR
[85] 2018-06-06
[86] 2016-12-15 (PCT/EP2016/081124)
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[30] EP (15201371.0) 2015-12-18

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[13] A1
[51] **Int.Cl. C09D 5/02 (2006.01)**
[25] EN
[54] **A METHOD FOR PREVENTING HARDENER COMPOUNDS TO BE FORMED FROM HARDENER PRECURSORS IN AN AEROSOL FORMULATION AND A TWO-COMPONENT AEROSOL FORMULATION**
[54] **PROCEDE PERMETTANT D'EMPECHER LA FORMATION DE COMPOSES DURCISSEURS A PARTIR DE PRECURSEURS DE DURCISSEURS DANS UNE FORMULATION D'AEROSOL, ET FORMULATION D'AEROSOL BICOMPOSANT**
[72] VAN DER NET, HENDRIK, NL
[71] PAINT & AEROSOL CONSULTANCY, NL
[71] MASTON OY, FI
[85] 2018-06-06
[86] 2016-11-24 (PCT/FI2016/050829)
[87] (WO2017/098080)
[30] FI (20155933) 2015-12-09

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[51] **Int.Cl. A61K 9/107 (2006.01) A61K 31/05 (2006.01) A61K 31/355 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATION**
[54] **FORMULATION PHARMACEUTIQUE**
[72] EL-TAMIMY, MAHMOUD, AU
[71] PHOSPHAGENICS LIMITED, AU
[85] 2018-06-06
[86] 2016-12-09 (PCT/AU2016/051209)
[87] (WO2017/096427)
[30] AU (2015905089) 2015-12-09
[30] US (62/329,166) 2016-04-28

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[51] **Int.Cl. F03D 80/40 (2016.01) F03D 17/00 (2016.01)**
[25] EN
[54] **IMPROVED ELECTRO-THERMAL HEATING**
[54] **CHAUFFAGE ELECTROTHERMIQUE AMELIORE**
[72] BUGGY, STEPHEN, GB
[72] SPANDLEY, LUKE, GB
[72] BADGER, PAUL, GB
[71] VESTAS WIND SYSTEMS A/S, DK
[85] 2018-06-06
[86] 2016-12-22 (PCT/DK2016/050463)
[87] (WO2017/108064)
[30] DK (PA 2015 70870) 2015-12-23

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[51] **Int.Cl. A61K 9/48 (2006.01) A61K 31/197 (2006.01)**
[25] EN
[54] **SOFT GELATIN CAPSULES WITH PH-INDEPENDENT RELEASE**
[54] **CAPSULES DE GELATINE MOLLE A LIBERATION INDEPENDANTE DU PH**
[72] CARUCCI, SIMONE, CH
[72] MARCHIORRI, MAURIZIO, CH
[72] PONTIGGIA, MARCO, CH
[72] FOSSATI, TIZIANO, CH
[71] ALTERGON S.A., CH
[85] 2018-06-06
[86] 2016-11-25 (PCT/EP2016/078913)
[87] (WO2017/097612)
[30] IT (102015000081410) 2015-12-09

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[51] **Int.Cl. F24C 7/08 (2006.01) G05B 19/042 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **ELECTRONIC OVEN WITH INFRARED EVALUATIVE CONTROL**
[54] **FOUR ELECTRONIQUE A COMMANDE D'EVALUATION INFRAROUGE**
[72] PEREIRA, ARVIND ANTONIO DE MENEZES, US
[72] SPEISER, LEONARD ROBERT, US
[72] LEINDECKER, NICK C., US
[71] THE MARKOV CORPORATION, US
[85] 2018-06-04
[86] 2017-03-24 (PCT/US2017/024155)
[87] (WO2017/172539)
[30] US (62/315,175) 2016-03-30
[30] US (62/349,367) 2016-06-13
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[30] US (62/445,628) 2017-01-12
[30] US (15/467,975) 2017-03-23

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[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **SELF-ADHESIVE FLOOR COVERING AND METHOD OF PRODUCING SAME**
[54] **REVETEMENT DE SOL AUTOCOLLANT ET SON PROCEDE DE PRODUCTION**
[72] KROGER, MARIO, DE
[72] ADAMETZ, PAUL, DE
[71] NORA SYSTEMS GMBH, DE
[85] 2018-06-06
[86] 2016-12-16 (PCT/EP2016/081429)
[87] (WO2017/108612)
[30] DE (10 2015 122 532.8) 2015-12-22
[30] DE (10 2016 110 589.9) 2016-06-08

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **4-(BIPHEN-3-YL)-1H-PYRAZOLO[3,4-C]PYRIDAZINE DERIVATIVES OF FORMULA (I) AS GABA RECEPTOR MODULATORS FOR USE IN THE TREATMENT OF EPILEPSY AND PAIN**
[54] **DERIVES 4-(BIPHENYL-3-YL)-1H-PYRAZOLO[3,4-C]PYRIDAZINE DE FORMULE (I) UTILISES COMME MODULATEURS DE RECEPTEUR GABA POUR LE TRAITEMENT DE L'EPILEPSIE ET DE LA DOULEUR**
[72] OWEN, ROBERT MCKENZIE, GB
[72] PRYDE, DAVID CAMERON, GB
[72] DACK, KEVIN NEIL, GB
[71] PFIZER LIMITED, GB
[85] 2018-06-06
[86] 2016-11-22 (PCT/IB2016/057049)
[87] (WO2017/098367)
[30] US (62/265,572) 2015-12-10

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[51] **Int.Cl. H02J 7/00 (2006.01) G01R 31/02 (2006.01) G01R 31/36 (2006.01)**
[25] EN
[54] **CONNECTIVITY CHECK BETWEEN CELLS AND WIRING CONTROL ELECTRONICS WITH ONLY ONE SWITCH**
[54] **VERIFICATION DE CONNECTIVITE ENTRE CELLULES ET ELECTRONIQUE DE COMMANDE DE CABLAGE A UN SEUL COMMUTATEUR**
[72] WEYEN, DOMINIQUE, BE
[71] VITO NV, BE
[85] 2018-06-06
[86] 2016-12-21 (PCT/EP2016/082260)
[87] (WO2017/109006)
[30] EP (15202123.4) 2015-12-22

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[51] **Int.Cl. B29C 70/46 (2006.01) B29D 99/00 (2010.01) B29C 70/54 (2006.01)**
[25] EN
[54] **PREFORM TOOL AND METHOD OF SHAPING COMPOSITE MATERIAL**
[54] **OUTIL DE FORMATION DE PREFORME ET PROCEDE DE MISE EN FORME DE MATERIAU COMPOSITE**
[72] BELISLE, RHEAL, CA
[72] FERNANDES, LOUIS, CA
[71] BOMBARDIER INC., CA
[85] 2018-06-06
[86] 2016-12-08 (PCT/IB2016/057444)
[87] (WO2017/103745)
[30] US (62/268,793) 2015-12-17

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[51] **Int.Cl. C22B 15/00 (2006.01) C22B 3/08 (2006.01) C22B 3/22 (2006.01)**
[25] EN
[54] **METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING**
[54] **PROCEDE DE SULFATATION ET DE LIXIVIATION DE CONCENTRE DE CUIVRE**
[72] JALBOUT, ABRAHAM FOUAD, MX
[71] METOXS PTE. LTD., SG
[85] 2018-06-06
[86] 2016-12-09 (PCT/IB2016/057496)
[87] (WO2017/098466)
[30] SG (10201510144U) 2015-12-10

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[51] **Int.Cl. H02J 1/12 (2006.01) H02J 7/35 (2006.01) H02J 9/06 (2006.01) H02M 1/10 (2006.01)**
[25] EN
[54] **TRIPLE INPUT SMART POWER SUPPLY (TRISP) FOR DESKTOP PC AND OTHER SYSTEMS USING DC AS FINAL POWER SOURCE**
[54] **ALIMENTATION ELECTRIQUE INTELLIGENTE A ENTREE TRIPLE (TRISP) POUR ORDINATEUR DE BUREAU ET D'AUTRES SYSTEMES UTILISANT LE COURANT CONTINU COMME SOURCE D'ALIMENTATION FINALE**
[72] SABOO, T, IN
[72] PRATHAP, V S, IN
[72] SIBU, M S, IN
[71] INDIAN SPACE RESEARCH ORGANISATION, IN
[85] 2018-06-06
[86] 2017-02-10 (PCT/IB2017/050729)
[87] (WO2017/137932)
[30] IN (201641004989) 2016-02-12

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[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/083 (2006.01) A61C 13/09 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A BLANK AND DENTAL RESTORATION**
[54] **PROCEDE DE PRODUCTION D'EBAUCHE ET DE RESTAURATION DENTAIRE**
[72] VOLKL, LOTHAR, DE
[72] FECHER, STEFAN, DE
[72] KUTZNER, MARTIN, DE
[72] HORHOLD, HEINER, DE
[71] DENTSPLY SIRONA INC., US
[71] DEGUDENT GMBH, DE
[85] 2018-06-06
[86] 2016-12-23 (PCT/EP2016/082525)
[87] (WO2017/114772)
[30] DE (10 2015 122 864.5) 2015-12-28

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[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **DENTAL ADHESIVE**
[54] **ADHESIF DENTAIRE**
[72] NOJIRI, YAMATO, JP
[72] TAKEI, MITSURU, JP
[71] KURARAY NORITAKE DENTAL INC., JP
[85] 2018-06-06
[86] 2016-12-06 (PCT/JP2016/005071)
[87] (WO2017/098724)
[30] JP (2015-238788) 2015-12-07

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[25] EN
[54] **METHOD AND SYSTEM FOR SENSING**
[54] **PROCEDE ET SYSTEME DE DETECTION**
[72] PATOLSKY, FERNANDO, IL
[72] KRIVITSKY, VADIM, IL
[72] ZVERZHINETSKY, MARINA, IL
[71] RAMOT AT TEL-AVIV UNIVERSITY LTD., IL
[85] 2018-06-06
[86] 2016-12-08 (PCT/IL2016/051320)
[87] (WO2017/098518)
[30] US (62/264,944) 2015-12-09
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[25] EN
[54] **METHOD FOR PRODUCING A BLANK, BLANK AND DENTAL RESTORATION**
[54] **PROCEDE DE PRODUCTION D'UNE EBAUCHE, EBAUCHE ET RESTAURATION DENTAIRE**
[72] VOLKL, LOTHAR, DE
[72] FECHER, STEFAN, DE
[72] KUTZNER, MARTIN, DE
[72] OEFNER, TANJA, DE
[71] DENTSPLY SIRONA INC., US
[71] DEGUDENT GMBH, DE
[85] 2018-06-06
[86] 2016-12-23 (PCT/EP2016/082531)
[87] (WO2017/114776)
[30] DE (10 2015 122 861.0) 2015-12-28

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[51] **Int.Cl. B21D 28/02 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING LAMINATED MATERIAL**
[54] **PROCEDE DE TRAITEMENT D'UN ELEMENT STRATIFIE**
[72] HASHIMOTO, AKIHIRO, JP
[72] IIDA, TADASHI, JP
[72] IZUMI, MASAHIRO, JP
[71] MITSUI HIGH-TEC, INC., JP
[85] 2018-06-06
[86] 2016-01-27 (PCT/JP2016/052329)
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[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/083 (2006.01) A61C 13/09 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A DENTAL RESTORATION**
[54] **PROCEDE DE PRODUCTION DE RESTAURATION DENTAIRE**
[72] VOLKL, LOTHAR, DE
[72] FECHER, STEFAN, DE
[71] DENTSPLY SIRONA INC., US
[71] DEGUDENT GMBH, DE
[85] 2018-06-06
[86] 2016-12-23 (PCT/EP2016/082550)
[87] (WO2017/114785)
[30] DE (10 2015 122 865.3) 2015-12-28

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[51] **Int.Cl. G01L 7/06 (2006.01) G01L 9/00 (2006.01) G01L 11/02 (2006.01)**
[25] EN
[54] **PRESSURE SENSOR AND SENSOR SYSTEM COMPRISING ONE OR MORE PRESSURE SENSORS**
[54] **CAPTEUR DE PRESSION ET SYSTEME DE DETECTION COMPRENANT UN OU PLUSIEURS CAPTEURS DE PRESSION**
[72] KARABACAK, DEVREZ MEHMET, NL
[72] MEULBLOK, BASTIAAN, NL
[72] KNOPPERS, GERMAN ENRIQUE, NL
[71] FUGRO TECHNOLOGY B.V., NL
[85] 2018-06-06
[86] 2016-12-09 (PCT/NL2016/050864)
[87] (WO2017/099602)
[30] NL (2015952) 2015-12-11

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[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND DEVICE FOR BALANCING INDIVIDUAL ELECTRIC ENERGY STORAGE CELLS**
[54] **PROCEDE, SYSTEME ET DISPOSITIF D'EQUILIBRAGE DE CELLULES DE STOCKAGE D'ENERGIE ELECTRIQUE INDIVIDUELLES**
[72] COENEN, PETER, BE
[71] VITO NV, BE
[85] 2018-06-06
[86] 2016-12-23 (PCT/EP2016/082665)
[87] (WO2017/109226)
[30] EP (15202756.1) 2015-12-24
[30] EP (16158197.0) 2016-03-02

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[25] EN
[54] **COMBINATION THERAPY BASED ON PD-1 SIGNAL INHIBITORS**
[54] **POLYTHERAPIE A BASE D'INHIBITEURS DE SIGNAL PD-1**
[72] HONJO, TASUKU, JP
[72] CHAMOTO, KENJI, JP
[72] FAGARASAN, SIDONIA, JP
[71] KYOTO UNIVERSITY, JP
[85] 2018-06-06
[86] 2016-12-05 (PCT/JP2016/086045)
[87] (WO2017/099034)
[30] JP (2015-238511) 2015-12-07
[30] JP (2016-119695) 2016-06-16

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[13] A1
[51] **Int.Cl. G06C 15/00 (2006.01)**
[25] EN
[54] **MECHANICAL COMPUTING SYSTEMS**
[54] **SYSTEMES INFORMATIQUES MECANIQUES**
[72] MERKLE, RALPH C., US
[72] FREITAS, ROBERT A., JR., US
[72] RYLEY, JAMES, US
[72] MOSES, MATTHEW, US
[72] HOGG, TAD, US
[71] MERKLE, RALPH C., US
[71] FREITAS, ROBERT A., JR., US
[71] RYLEY, JAMES, US
[71] MOSES, MATTHEW, US
[71] HOGG, TAD, US
[85] 2018-06-06
[86] 2015-12-31 (PCT/US2015/068359)
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[51] **Int.Cl. F15B 15/12 (2006.01) F03C 4/00 (2006.01) F15B 9/14 (2006.01)**
[25] EN
[54] **ARRANGEMENT COMPRISING A ROTOR, A STATOR AND MEANS FOR MUTUAL POSITION DETECTION THEREOF**
[54] **ENSEMBLE COMPRENANT UN ROTOR, UN STATOR ET DES MOYENS DE DETECTION DE LEUR POSITION MUTUELLE**
[72] FALK, CURT GUNNAR, SE
[71] HUDIKSVALLS TEKNIKCENTRUM AB, SE
[85] 2018-06-06
[86] 2015-12-11 (PCT/SE2015/051329)
[87] (WO2016/099383)
[30] SE (1400593-8) 2014-12-15

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[51] **Int.Cl. H01R 13/627 (2006.01) H01R 13/6582 (2011.01) H01R 24/40 (2011.01) H01R 13/639 (2006.01)**
[25] EN
[54] **PLUG CONNECTOR**
[54] **CONNECTEUR ENFICHABLE**
[72] BARBET, ANNE, DE
[72] KRAUTENBACHER, JOSEF, DE
[72] STADLER, TOBIAS, DE
[72] WIMMER, MARTIN, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2018-06-06
[86] 2017-01-31 (PCT/EP2017/000119)
[87] (WO2017/133838)
[30] EP (16 000 297.8) 2016-02-05

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[13] A1
[51] **Int.Cl. G21F 9/12 (2006.01) B01J 20/06 (2006.01) B01J 20/28 (2006.01)**
[25] EN
[54] **ADSORBENT FOR RADIOACTIVE ANTIMONY, RADIOACTIVE IODINE AND RADIOACTIVE RUTHENIUM, AND TREATMENT METHOD OF RADIOACTIVE WASTE WATER USING THE ADSORBENT**
[54] **ADSORBANT POUR ANTIMOINE RADIOACTIF, IODE RADIOACTIF ET RUTHENIUM RADIOACTIF, ET PROCEDE DE TRAITEMENT DE DECHETS RADIOACTIFS LIQUIDES UTILISANT LEDIT ADSORBANT**
[72] SAKUMA, TAKASHI, JP
[72] KOMATSU, MAKOTO, JP
[72] IZUMI, TAKESHI, JP
[72] MIYABE, SHINSUKE, JP
[72] KINOSE, YUTAKA, JP
[72] SATOU, KIYOSHI, JP
[72] KOZASU, KENTA, JP
[72] TOKUTAKE, MARI, JP
[72] SAKAMOTO, TAKESHI, JP
[72] SUGIHARA, KAORI, JP
[71] EBARA CORPORATION, JP
[71] NIPPON CHEMICAL INDUSTRIAL CO., LTD., JP
[85] 2018-06-06
[86] 2016-12-08 (PCT/JP2016/086485)
[87] (WO2017/110485)
[30] JP (2015-252082) 2015-12-24

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[51] **Int.Cl. G01C 21/02 (2006.01) G06T 3/40 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GEOMETRIC REFERENCING OF MULTI-SPECTRAL DATA**
[54] **PROCEDE ET SYSTEME DE REFERENCEMENT GEOMETRIQUE DE DONNEES MULTISPECTRALES**
[72] LIVENS, STEFAN, BE
[72] DELAURE, BAVO, BE
[71] VITO NV, BE
[85] 2018-06-06
[86] 2017-01-13 (PCT/EP2017/050717)
[87] (WO2017/121876)
[30] EP (16151160.5) 2016-01-13

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[51] **Int.Cl. A01D 34/00 (2006.01) A01D 75/00 (2006.01) B60L 11/18 (2006.01) B60P 3/06 (2006.01) B60R 9/00 (2006.01) G05D 1/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **METHOD AND MEANS FOR MOWING LAWNS**
[54] **PROCEDE ET MOYEN DE TONTE DE GAZONS**
[72] ANDERSSON, KALLE, SE
[72] ANDERSSON, PER, SE
[71] ROBOTIC LAWN CARE SWEDEN AB, SE
[85] 2018-06-06
[86] 2016-11-23 (PCT/SE2016/000073)
[87] (WO2017/099644)
[30] SE (1530185-6) 2015-12-06
[30] SE (1530190-6) 2015-12-14

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[51] **Int.Cl. E21B 37/06 (2006.01) C09K 8/528 (2006.01)**
[25] EN
[54] **THERMALLY STABLE SCALE INHIBITOR COMPOSITIONS**
[54] **COMPOSITIONS ANTITARTRE THERMIQUEMENT STABLES**
[72] PADILLA-ACEVEDO, ANGELA I., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-06-06
[86] 2016-05-09 (PCT/US2016/031403)
[87] (WO2017/099840)
[30] US (62/263,893) 2015-12-07

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[51] **Int.Cl. B32B 9/02 (2006.01) B32B 9/06 (2006.01) C09D 103/02 (2006.01) C09D 103/04 (2006.01) D21H 19/00 (2006.01) D21H 19/54 (2006.01)**
[25] EN
[54] **BARRIER COATINGS**
[54] **REVETEMENTS BARRIERES**
[72] BRIGHENTI, MERCEDES, BE
[72] MEINDERS, OLAF, BE
[72] SIVASLIGIL, DOGAN SAHIN, BE
[72] THALHOFER, RICHARD, BE
[71] CARGILL, INCORPORATED, US
[85] 2018-06-06
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[87] (WO2017/100316)
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[54] **PROTOCOLE DE COMMUNICATION TRANSCOUCHE ADAPTE A UN ENVIRONNEMENT DANS DES RESERVOIRS DE PETROLE SOUTERRAINS**
[72] SCHMIDT, HOWARD K., SA
[72] AKYILDIZ, IAN F., US
[72] LIN, SHIH-CHUN, US
[72] AL-SHEHRI, ABDULLAH AWADH, SA
[71] TRUVA CORPIRATION, US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[25] EN
[54] **METHOD FOR PRODUCING N-RETINOYLCYSTEIC ACID ALKYL ESTER**
[54] **PROCEDE DE PRODUCTION D'ESTER ALKYLIQUE DE L'ACIDE N-RETINOYLCYSTEIQUE**
[72] BABROU, DZIANIS, SE
[72] BUDNIKAVA, MARYNA, SE
[72] BJORKLUND, MIKAEL, SE
[72] ALEKSOV, JULIAN, SE
[71] ARDENIA INVESTMENTS, LTD., GB
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[25] EN
[54] **FABRIC SOFTENING COMPOSITIONS**
[54] **COMPOSITIONS ADOUCISSANTES POUR TISSUS**
[72] VALDEPENA, ISRAEL HERNANDEZ, MX
[72] MALDONADO, RAUL, MX
[72] AMBUNDO, EDNA, MX
[72] TOVAR, JAVIER, MX
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **AFFICHAGE DE CONFIDENTIALITE ET SYSTEME D'AFFICHAGE DE CONFIDENTIALITE A MODE DOUBLE**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-06-06
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[54] **HERBICIDAL COMPOSITIONS CONTAINING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL PYRIDINE-2-CARBOXYLIC ACID, FLORASULAM AND PYROXSULAM OR DERIVATIVES THEREOF**
[54] **COMPOSITIONS HERBICIDES CONTENANT L'ACIDE 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE, LE FLORASULAM ET LE PYROXSULAM OU DES DERIVES CORRESPONDANTS**
[72] GAST, ROGER E., US
[72] MANN, RICHARD K., US
[71] DOW AGROSCIENCES LLC, US
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[54] **APPAREIL DE PRISE DE VUES NUMERIQUE MODULAIRE ET TELEPHONE CELLULAIRE**
[72] JANNARD, JAMES H., US
[71] RED.COM, LLC, US
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[54] **PIPING ENHANCEMENT FOR BACKFLOW PREVENTION IN A MULTIPLE LOOP, METAL COOLED NUCLEAR REACTOR SYSTEM**
[54] **AMELIORATION APPORTEE A UNE CANALISATION POUR EMPECHER UN REFLUX DANS UN SYSTEME DE REACTEUR NUCLEAIRE REFROIDI PAR UN METAL, A BOUCLES MULTIPLES**
[72] LOEWEN, ERIC PAUL, US
[72] STREGE, SETH RYAN PAUL, US
[72] O'NEILL, NICHOLAS FRANCIS, US
[72] O'CONNOR, COLIN CHRISTOPHER, US
[72] CURTIN, CHELSEA ANN, US
[72] WU, EDWIN, US
[71] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZED PATIENT SPECIFIC TISSUE ENGINEERING VASCULAR GRAFTS**
[54] **SYSTEMES ET PROCEDES POUR GREFFONS VASCULAIRES DE GENIE TISSULAIRE OPTIMISES SPECIFIQUES A UN PATIENT**
[72] BREUER, CHRISTOPHER, US
[72] BEST, CAMERON, US
[72] STROUSE, ROBERT, US
[72] HIBINO, NARUTOSHI, US
[72] UNG-LEE, YONG, US
[71] RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL, US
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[54] **SYSTEMS AND METHODS FOR ACQUIRING AND EMPLOYING RESILIENCY DATA FOR LEADERSHIP DEVELOPMENT**
[54] **SYSTEMES ET PROCEDES POUR ACQUERIR ET UTILISER DES DONNEES DE RESILIENCE POUR UN DEVELOPPEMENT DE QUALITES DE DIRIGEANT**
[72] HORSEMAN, SAMANTHA J., SA
[72] MATTSON, BRENT W., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **GEOMETRIC CONFIGURATIONS FOR GASTRIC RESIDENCE SYSTEMS**
[54] **CONFIGURATIONS GEOMETRIQUES DE SYSTEMES A RESIDENCE GASTRIQUE**
[72] BELLINGER, ANDREW, US
[72] KANASTY, ROSEMARY, US
[72] GRANT, TYLER, US
[72] GARDNER, COLIN, US
[71] LYNDRA, INC., US
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[54] **POWERED LADDER FOR LARGE INDUSTRIAL VEHICLES**
[54] **ECHELLE MOTORISEE POUR VEHICULES INDUSTRIELS DE GRANDES DIMENSIONS**
[72] JOHNSON, DAVID, US
[71] JOHNSON, DAVID, US
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[54] **PROMOTERS FROM CORYNEBACTERIUM GLUTAMICUM**
[54] **PROMOTEURS DE CORYNEBACTERIUM GLUTAMICUM**
[72] SERBER, ZACH, US
[72] GORA, KATHERINE G., US
[72] MANCHESTER, SHAWN P., US
[71] ZYMERGEN INC., US
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[54] **COMPOSITIONS PHARMACEUTIQUES A BASE D'□STRADIOL INTRODUITES PAR VOIE VAGINALE ET PROCEDES ASSOCIES**
[72] MIRKIN, SEBASTIAN, US
[72] AMADIO, JULIA M., US
[72] BERNICK, BRIAN, US
[71] THERAPEUTICSMD, INC., US
[85] 2018-06-06
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[54] **ANGLE DIVIDER FOR MITER SAW**
[54] **DIVISEUR D'ANGLE POUR SCIE A ONGLETS**
[72] URSELL, MIKE, US
[72] URSELL, CONNOR, US
[72] NEILSON, KEN, US
[71] AFFINITY TOOL WORKS, LLC, US
[85] 2018-06-06
[86] 2016-12-08 (PCT/US2016/065522)
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[25] EN
[54] **HORIZONTAL GRINDING MACHINE WITH ENGINE FUEL CONSUMPTION CONTROL**
[54] **MACHINE DE BROYAGE HORIZONTALE AVEC COMMANDE DE LA CONSOMMATION DE CARBURANT DE MOTEUR**
[72] HARRISON, DAVID LYNN, US
[72] CUMMING, LAWRENCE ROBERT, US
[72] BITTROLF, GLENN FORD, US
[71] ASTEC INDUSTRIES, INC., US
[85] 2018-06-06
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[54] **BICYCLIC INHIBITORS OF PAD4**
[54] **INHIBITEURS BICYCLIQUES DE PAD4**
[72] DEVRAJ, RAJESH, US
[72] KUMARAVEL, GNANASAMBANDAM, US
[72] PARKER, MICHAEL F., US
[72] BEAUMONT, EDWARD, GB
[72] BOWLES, LEE, GB
[72] BROMBRIDGE, STEVE, GB
[72] COOPER, SOPHIE, GB
[72] GADOULEAU, ELISE, GB
[72] GLEAVE, LAURA, GB
[72] KERRY, PHILIP, GB
[72] KOTEY, ADRIAN, GB
[72] KRULLE, THOMAS, GB
[72] LECCI, CRISTINA, GB
[72] LOKE, PUI, GB
[72] MENICONI, MIRCO, GB
[72] MONCK, NAT, GB
[72] NORTH, CARL, GB
[72] PALFREY, JORDAN, GB
[72] PARROTT, SHELLEY, GB
[72] RIDGILL, MARK, GB
[72] TYE, HEATHER, GB
[71] PADLOCK THERAPEUTICS, INC., US
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[54] **SYSTEM FOR PLACING A TRACER IN A WELL**
[54] **SYSTEME POUR PLACER UN TRACEUR DANS UN PUITS**
[72] BARBATO, VINCENZO, US
[71] DRECO ENERGY SERVICES ULC, CA
[85] 2018-06-06
[86] 2016-12-09 (PCT/US2016/065886)
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[54] **DBH INHIBITORS FOR TREATING OR PREVENTING MEMORY LOSS**
[54] **INHIBITEURS DE LA DBH POUR LE TRAITEMENT OU LA PREVENTION DE LA PERTE DE MEMOIRE**
[72] LISMAN, JOHN, US
[71] BRANDEIS UNIVERSITY, US
[85] 2018-06-06
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[25] EN
[54] **DOWNHOLE IN-SITU HEAT GENERATION TO REMOVE FILTERCAKE**
[54] **GENERATION DE CHALEUR IN SITU EN FOND DE TROU POUR ELIMINER UN GATEAU DE FILTRATION**
[72] GAMAGE, PUBUDU, US
[72] HILFIGER, MATTHEW, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-06-06
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[25] EN
[54] **METHOD OF TREATMENT FOR THIRD SPACING**
[54] **PROCEDE DE TRAITEMENT DU TROISIEME ESPACE**
[72] WEBB, ROBIN L., US
[71] WEBB, ROBIN L., US
[85] 2018-06-06
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[87] (WO2017/075150)
[30] US (62/248,518) 2015-10-30
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[25] EN
[54] **METHODS FOR REDUCING OR PREVENTING GROWTH OF TUMORS RESISTANT TO EGFR AND/OR ERBB3 BLOCKADE**
[54] **METHODES POUR RALENTIR OU EMPECHER LA CROISSANCE DE TUMEURS RESISTANTES AU BLOCAGE DE L'EGFR ET/OU D'ERBB3**
[72] DALY, CHRISTOPHER, US
[72] CASTANARO, CARLA, US
[72] ZHANG, WEN, US
[72] THURSTON, GAVIN, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[25] EN
[54] **GENERATING ESTIMATES OF UNCERTAINTY FOR RADAR BASED PRECIPITATION ESTIMATES**
[54] **GENERATION D'ESTIMATIONS D'INCERTITUDE POUR DES ESTIMATIONS DE PRECIPITATIONS PAR RADAR**
[72] HAGERMAN, BRYSON, US
[72] O'KANE, DREW, US
[71] THE CLIMATE CORPORATION, US
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[54] **HUMANIZED ANTI-CD73 ANTIBODIES**
[54] **ANTICORPS ANTI-CD73 HUMANISES**
[72] GRIFFIN, EMILY PICCIONE, US
[72] MILLER, RICHARD A., US
[72] FREY, GERHARD JOHANN, US
[72] CHANG, HWAI WEN, US
[71] BIOATLA, LLC, US
[71] CORVUS PHARMACEUTICALS, INC., US
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[86] 2016-12-09 (PCT/US2016/065968)
[87] (WO2017/100670)
[30] US (62/265,357) 2015-12-09
[30] US (62/289,694) 2016-02-01
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[54] **METHOD FOR PRODUCING A HIGH STRENGTH STEEL SHEET HAVING IMPROVED STRENGTH AND FORMABILITY, AND OBTAINED HIGH STRENGTH STEEL SHEET**
[54] **PROCEDE DE PRODUCTION D'UNE TOLE D'ACIER A HAUTE RESISTANCE PRESENTANT UNE RESISTANCE ET UNE APTITUDE AU FORMAGE AMELIOREES ET TOLE D'ACIER A HAUTE RESISTANCE AINSI OBTENUE**
[72] VENKATASURYA, PAVAN, US
[72] JUN, HYUN JO, US
[71] ARCELORMITTAL, LU
[85] 2018-06-06
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[54] **CYLINDRE DE TRAVAIL TEXTURE POUR SUBSTRAT METALLIQUE**
[72] XAVIER, RENATO RUFINO, US
[72] CARVALHO, FRANCISCO, BR
[72] FERREIRA, ADRIANO MANUEL POVOA, US
[71] NOVELIS INC., US
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[25] EN
[54] **INVERTED CURLING METHOD FOR METAL BEVERAGE CONTAINERS AND BEVERAGE CONTAINERS WITH INVERTED CURLS**
[54] **PROCEDE DE RECOURBAGE INVERSE DESTINE A DES RECIPIENTS METALLIQUES POUR BOISSONS ET RECIPIENTS POUR BOISSONS AVEC COURBURE INVERSEE**
[72] JURENDIC, SEBASTIJAN, DE
[71] NOVELIS INC., US
[85] 2018-06-06
[86] 2016-11-23 (PCT/US2016/063490)
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[54] **CATALYST**
[54] **CATALYSEUR**
[72] MARTINEZ BONASTRE, ALEJANDRO, GB
[72] SPIKES, GEOFFREY HUGH, GB
[72] O'MALLEY, RACHEL LOUISE, GB
[71] JOHNSON MATTHEY FUEL CELLS LIMITED, GB
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[25] EN
[54] **FENCE AND FENCE CONNECTION APPARATUS AND METHOD**
[54] **CLOTURE, ET APPAREIL ET PROCEDE DE RACCORDEMENT DE CLOTURE**
[72] GOEDECKE, RONALD D., US
[71] BULLET FENCE SYSTEMS, LLC, US
[85] 2018-06-06
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[87] (WO2017/100040)
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[25] EN
[54] **SUBSTITUTED BENZAZINONES AS ANTIBACTERIAL COMPOUNDS**
[54] **BENZAZINONES SUBSTITUES A UTILISER EN TANT QUE COMPOSES ANTIBACTERIENS**
[72] JIN, QI, US
[72] POHLHAUS, DENISE TEOTICO, US
[72] SPLETSTOSER, JARED, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-06-06
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[51] **Int.Cl. E21B 17/00 (2006.01) E21B 7/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MINIMIZING DOWNHOLE TOOL VIBRATIONS AND DISTURBANCES**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE MINIMISER LES VIBRATIONS ET LES PERTURBATIONS D'UN OUTIL DE FOND DE TROU**
[72] GIBB, JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **IMPROVED COMPOSITIONS AND METHODS FOR VIRAL DELIVERY OF NEOEPITOPES AND USES THEREOF**
[54] **COMPOSITIONS ET METHODES AMELIOREES D'ADMINISTRATION VIRALE DE NEOEPITOPES ET LEURS UTILISATIONS**
[72] SOON-SHIONG, PATRICK, US
[72] RABIZADEH, SHAHROOZ, US
[72] NIAZI, KAYVAN, US
[71] NANT HOLDINGS IP, LLC, US
[85] 2018-06-06
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[25] EN
[54] **IMAGING SYSTEMS AND METHODS FOR TISSUE DIFFERENTIATION, E.G., FOR INTRAOPERATIVE VISUALIZATION**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE POUR DIFFERENCIATION TISSULAIRE, PAR EXEMPLE POUR VISUALISATION PEROPERATOIRE**
[72] BRADBURY, MICHELLE S., US
[72] YOO, BARNEY, US
[72] WIESNER, ULRICH, US
[72] CHEN, PEIMING, US
[72] MA, KAI, US
[72] PATEL, SNEHAL G., US
[72] ZANONI, DANIELLA KARASSAWA, US
[72] DAYAN, JOSEPH, US
[72] ABU-RUSTUM, NADEEM R., US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[71] CORNELL UNIVERSITY, US
[85] 2018-06-06
[86] 2016-12-15 (PCT/US2016/066969)
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[30] US (62/267,676) 2015-12-15
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[25] EN
[54] **TEXTURED WOVEN FABRIC FOR USE IN IMPLANTABLE BIOPROSTHESES**
[54] **TISSU TISSE TEXTURE A UTILISER DANS DES PROTHESES BIOLOGIQUES IMPLANTABLES**
[72] CHADHA, AJAY, US
[72] NGUYEN, SON V., US
[72] RUPP, KEVIN D., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-06-06
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[25] EN
[54] **TRANSSEPTAL DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION TRANS-SEPTALE**
[72] NYULI, COLIN A., CA
[72] LANE, RANDY MATTHEW, CA
[72] WONG, KAREN TSOEK-JI, CA
[71] NEOVASC TIARA INC., CA
[85] 2018-06-06
[86] 2016-12-15 (PCT/CA2016/051482)
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[25] EN
[54] **MULTI-TYPE-TREE FRAMEWORK FOR VIDEO CODING**
[54] **STRUCTURE ARBORESCENTE A TYPES MULTIPLES POUR LE CODAGE VIDEO**
[72] LI, XIANG, US
[72] ZHANG, LI, US
[72] CHIEN, WEI-JUNG, US
[72] CHEN, JIANLE, US
[72] ZHAO, XIN, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-06
[86] 2017-01-13 (PCT/US2017/013485)
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[30] US (62/279,233) 2016-01-15
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[25] EN
[54] **COMPACT ULTRASOUND DEVICE HAVING ANNULAR ULTRASOUND ARRAY PERIPHERALLY ELECTRICALLY CONNECTED TO FLEXIBLE PRINTED CIRCUIT BOARD AND METHOD OF ASSEMBLY THEREOF**
[54] **DISPOSITIF A ULTRASONS COMPACT POSSEDANT UN RESEAU A ULTRASONS PERIPHERIQUE ANNULAIRE ELECTRIQUEMENT CONNECTE A UNE CARTE DE CIRCUIT IMPRIME FLEXIBLE ET SON PROCEDE D'ASSEMBLAGE**
[72] BROWN, JEREMY A., US
[72] LEADBETTER, JEFFREY R., US
[72] EMERY, CHARLES D., US
[71] ULTHERA, INC., US
[85] 2018-06-06
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[30] US (62/280,038) 2016-01-18

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[51] **Int.Cl. B25G 1/08 (2006.01) B25H 3/00 (2006.01)**
[25] EN
[54] **TOOL BIT STORAGE AND RETRIEVAL DEVICE**
[54] **DISPOSITIF DE RANGEMENT ET DE RECUPERATION DE BARREAUX**
[72] GORMAN, STEVEN, US
[72] GORMAN, DOUGLAS, US
[71] GORMAN, STEVEN, US
[71] GORMAN, DOUGLAS, US
[85] 2018-06-06
[86] 2017-02-22 (PCT/US2017/018982)
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[54] **A LIQUID FORMULATION OF ALPHA-AMYLASE**
[54] **FORMULATION LIQUIDE D'ALPHA-AMYLASE**
[72] HAN, YUN, US
[71] BASF ENZYMES LLC, US
[85] 2018-06-06
[86] 2016-12-16 (PCT/US2016/067153)
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[30] US (62/269,388) 2015-12-18

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[51] **Int.Cl. A61K 31/40 (2006.01) C07C 211/29 (2006.01) C07C 211/30 (2006.01)**
[25] EN
[54] **METABOLISM RESISTANT FENFLURAMINE ANALOGS AND METHODS OF USING THE SAME**
[54] **ANALOGUES DE FENFLURAMINE RESISTANT AU METABOLISME ET PROCEDES POUR LES UTILISER**
[72] FARR, STEPHEN J., US
[72] BOYD, BROOKS M., US
[71] ZOGENIX INTERNATIONAL LIMITED, GB
[85] 2018-06-06
[86] 2016-12-20 (PCT/US2016/067852)
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[25] EN
[54] **SYSTEMS AND METHODS FOR SOLUTION COATING A SUBSTRATE**
[54] **SYSTEMES ET PROCEDES DE REVETEMENT EN SOLUTION D'UN SUBSTRAT**
[72] GRAMICCIONI, GARY A., US
[72] PILLAI, KRISHNAN S., US
[71] BASF CORPORATION, US
[85] 2018-06-06
[86] 2016-11-14 (PCT/IB2016/056848)
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[54] **FIRE RESISTANT ELECTRIC CABLE**
[54] **CABLE ELECTRIQUE RESISTANT AU FEU**
[72] FOSS-PEDERSEN, GEIR, IT
[72] EDLAND, OYSTEIN, IT
[72] VAN DEN NIEUWENDIJK, YANNICK, IT
[71] PRYSMIAN S.P.A., IT
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[54] **ADDITIF DE CARBURANT**
[72] FOERG, WOLFGANG, CH
[71] ECOMANDA AG, CH
[85] 2018-06-07
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[54] **POWER CAPACITOR UNIT FOR HIGH PRESSURE APPLICATIONS**
[54] **UNITE A CONDENSATEUR DE PUISSANCE POUR APPLICATIONS A HAUTE PRESSION**
[72] BAUR, MATTHIAS, CH
[72] SINGH, BISWAJIT, SE
[72] SCHLEGEL, CHRISTOPH, CH
[72] ERIKSSON, ESBJORN, SE
[72] LENDENMANN, HEINZ, SE
[72] BOEHM, MORITZ, CH
[72] DONZEL, LISE, CH
[72] BANDALO, FELIX, SE
[71] ABB SCHWEIZ AG, CH
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[25] EN
[54] **AGITATOR DEVICE**
[54] **DISPOSITIF DE MELANGE**
[72] ROHN, NICOLE, DE
[72] WEISS, HANS-JURGEN, DE
[72] NIENHAUS, BERND, DE
[71] EKATO RUHR- UND MISCHTECHNIK GMBH, DE
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[25] EN
[54] **MULTI-PHENOTYPIC SUBTYPING OF BIOLOGICAL SAMPLES USING SEQUENTIAL FLUORESCENT QUENCHING AND RESTAINING**
[54] **SOUS-TYPAGE MULTI-PHENOTYPIQUE D'ECHANTILLONS BIOLOGIQUES PAR EXTINCTION DE FLUORESCENCE ET RE-COLORATION FLUORESCENTE SEQUENTIELLE**
[72] ADAMS, DANIEL, US
[72] TANG, CHA-MEI, US
[71] CREATV MICRO TECH,INC., US
[85] 2018-06-06
[86] 2017-01-06 (PCT/US2017/012644)
[87] (WO2017/120553)
[30] US (62/275,949) 2016-01-07
[30] US (62/303,243) 2016-03-03
[30] US (62/373,867) 2016-08-11
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[25] EN
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[54] **DISPOSITIF DE SECURITE ANTI-DEBORDEMENT**
[72] REBERNIK, MATTHIAS, AT
[71] CRYOSHELTER GMBH, AT
[85] 2018-06-07
[86] 2016-12-15 (PCT/AT2016/060129)
[87] (WO2017/100814)
[30] AT (A 51084/2015) 2015-12-18

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[51] **Int.Cl. C01B 3/00 (2006.01) B01J 20/02 (2006.01) C01B 6/00 (2006.01) C01B 3/56 (2006.01)**
[25] EN
[54] **HYDROGEN STORAGE ASSEMBLY**
[54] **ENSEMBLE DE STOCKAGE D'HYDROGENE**
[72] FONG, RANDY W.L., CA
[72] PATRICK, JAMES, CA
[72] GALE, MICHAEL, CA
[71] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
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[51] **Int.Cl. A61K 8/64 (2006.01) A61K 8/9789 (2017.01) A61Q 5/00 (2006.01)**
[25] EN
[54] **PERSONAL CARE FORMULATIONS COMPRISING CARMIN PROTEIN**
[54] **FORMULATIONS DE PRODUITS DE SOINS D'HYGIENE PERSONNELLE COMPRENANT LA PROTEINE CARMINE**
[72] LIU, SHUANGHUI, CA
[72] SHAFER, KENT, CA
[72] CAMPBELL, STEWART JOHN, CA
[72] LANCTOT, YVES, CA
[72] BROOKS, GEOFFREY, US
[71] BOTANECO INC., CA
[85] 2018-06-07
[86] 2016-12-08 (PCT/CA2016/051439)
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[30] US (62/265,128) 2015-12-09
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[25] EN
[54] **COMBINATION OF OXYMETAZOLINE AND IPRATROPIUM IN TOPICAL NASAL APPLICATION FOR THE TREATMENT OF A COUGH**
[54] **COMBINAISON D'OXYMETAZOLINE ET D'IPRATROPIUM EN APPLICATION TOPIQUE NASALE POUR LE TRAITEMENT DE LA TOUX**
[72] CORTES BORREGO, PABLO, MX
[71] CORTES BORREGO, PABLO, MX
[85] 2018-06-04
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[30] MX (MX/a/2015/016549) 2015-12-02

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[51] **Int.Cl. C07D 519/00 (2006.01) A61K 31/437 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED PERHYDROPYRROLO[3,4-C]PYRROLE DERIVATIVES AND THE USE OF SAME**
[54] **DERIVES DE PERHYDROPYRROLO[3,4-C]PYRROLE SUBSTITUES ET LEUR UTILISATION**
[72] DELBECK, MARTINA, DE
[72] HAHN, MICHAEL, DE
[72] MULLER, THOMAS, DE
[72] MEIER, HEINRICH, DE
[72] LUSTIG, KLEMENS, DE
[72] MOSIG, JOHANNA, DE
[72] TOSCHI, LUISELLA, DE
[72] ALBUS, UDO, DE
[72] GEHRING, DORIS, DE
[72] ROSENSTEIN, BJORN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[87] (WO2017/097671)
[30] EP (15199268.2) 2015-12-10

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[25] EN
[54] **NUCLEAR REACTOR LIQUID METAL COOLANT BACKFLOW CONTROL**
[54] **COMMANDE DE FLUX DE RETOUR DE LIQUIDE DE REFROIDISSEMENT A METAL LIQUIDE DANS UN REACTEUR NUCLEAIRE**
[72] LOEWEN, ERIC PAUL, US
[72] STREGE, SETH RYAN PAUL, US
[72] O'NEILL, NICHOLAS FRANCIS, US
[72] O'CONNOR, COLIN CHRISTOPHER, US
[72] CURTIN, CHELSEA ANN, US
[72] WU, EDWIN, US
[71] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
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[86] 2016-11-30 (PCT/US2016/064112)
[87] (WO2017/116596)
[30] US (14/960,532) 2015-12-07

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[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/09 (2012.01)**
[25] EN
[54] **ACTIVE RANGING-WHILE-DRILLING WITH MAGNETIC GRADIOMETRY**
[54] **TELEMETRIE ACTIVE PENDANT LE FORAGE AVEC UNE GRADIOMETRIE MAGNETIQUE**
[72] WILSON, GLENN ANDREW, US
[72] RODNEY, PAUL F., US
[72] KALATEH AHMAD, AKRAM AHMADI, US
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-06-05
[86] 2017-01-10 (PCT/US2017/012873)
[87] (WO2017/139058)
[30] US (62/294,810) 2016-02-12

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[51] **Int.Cl. H05H 1/34 (2006.01) H05H 1/44 (2006.01)**
[25] EN
[54] **DEVICE FOR GENERATING AN ATMOSPHERIC PLASMA BEAM AND METHOD FOR TREATING THE SURFACE OF A WORKPIECE**
[54] **DISPOSITIF DE GENERATION D'UN JET DE PLASMA ATMOSPHERIQUE ET PROCEDE DE TRAITEMENT DE LA SURFACE D'UNE PIECE**
[72] BUSKE, CHRISTIAN, DE
[72] KNIPPER, STEFAN, DE
[71] PLASMATREAT GMBH, DE
[85] 2018-06-07
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[30] DE (DE 10 2015 121 252.8) 2015-12-07

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[25] FR
[54] **METHOD FOR INCREASING THE ABILITY OF AT LEAST ONE DROPLET TO SLIDE OVER A MEDIUM**
[54] **PROCEDE POUR FAVORISER LE GLISSEMENT D'AU MOINS UNE GOUTTE SUR UN SUPPORT**
[72] BUSSONNIERE, ADRIEN, CA
[72] BOU MATAR-LACAZE, OLIVIER, FR
[72] BAUDOIN, MICHAEL, FR
[72] BRUNET, PHILIPPE, FR
[71] UNIVERSITE DE LILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] ECOLE CENTRALE DE LILLE, FR
[85] 2018-06-07
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[87] (WO2017/097769)
[30] FR (1562067) 2015-12-09

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[51] **Int.Cl. G06F 9/44 (2018.01) G06F 15/16 (2006.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **AUTOMATICALLY CLASSIFYING AND ENRICHING IMPORTED DATA RECORDS TO ENSURE DATA INTEGRITY AND CONSISTENCY**
[54] **CLASSIFICATION ET ENRICHISSEMENT AUTOMATIQUES DE FICHIERS DE DONNEES IMPORTEES PERMETTANT D'ASSURER L'INTEGRITE ET LA COHERENCE DES DONNEES**
[72] DUBEY, DILIP, US
[72] RATHI, DINESHCHANDRA, HARIKISAN, US
[72] KUMARASWAMY, KOUSHIK, US
[71] XEEVA, INC., US
[85] 2018-06-06
[86] 2016-12-01 (PCT/US2016/064395)
[87] (WO2017/100072)
[30] US (62/263,701) 2015-12-06
[30] US (15/173,106) 2016-06-03
[30] US (15/172,995) 2016-06-03

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **2-PHENYL-3-(PIPERAZINOMETHYL)IMIDAZO[1,2-A]PYRIDINE DERIVATIVES AS BLOCKERS OF TASK-1 AND TASK-2 CHANNELS, FOR THE TREATMENT OF SLEEP-RELATED BREATHING DISORDERS**
[54] **DERIVES DE 2-PHENYL-3-(PIPERAZINOMETHYL)IMIDAZO[1,2-A]PYRIDINE UTILISES COMME BLOQUEURS DES CANAUX TASK-1 ET TASK-2 POUR TRAITER DES TROUBLES RESPIRATOIRES LIES AU SOMMEIL**
[72] DELBECK, MARTINA, DE
[72] HAHN, MICHAEL, DE
[72] MULLER, THOMAS, DE
[72] MEIER, HEINRICH, DE
[72] LUSTIG, KLEMENS, DE
[72] MOSIG, JOHANNA, DE
[72] TOSCHI, LUISELLA, DE
[72] ALBUS, UDO, DE
[72] GEHRING, DORIS, DE
[72] ROSENSTEIN, BJORN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-06-07
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[87] (WO2017/097792)
[30] EP (15199270.8) 2015-12-10
[30] EP (16196836.7) 2016-11-02

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[51] **Int.Cl. C12N 15/81 (2006.01) A23L 27/30 (2016.01) C07K 14/395 (2006.01) C12N 9/10 (2006.01) C12N 9/90 (2006.01) C12N 15/82 (2006.01) C12P 15/00 (2006.01)**
[25] EN
[54] **PRODUCTION OF STEVIOL GLYCOSIDES IN RECOMBINANT HOSTS**
[54] **PRODUCTION DE GLYCOSIDES DE STEVIOL DANS DES HOTES RECOMBINANTS**
[72] DYEKJAER, JANE DANNOW, CH
[72] HOUGHTON-LARSEN, JENS, DK
[72] DOUCHIN, VERONIQUE, DK
[71] EVOLVA SA, CH
[85] 2018-06-07
[86] 2016-12-09 (PCT/EP2016/080516)
[87] (WO2017/098017)
[30] US (62/265,895) 2015-12-10

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[51] **Int.Cl. F25D 29/00 (2006.01)**
[25] EN
[54] **CABINET**
[54] **ARMOIRE**
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[72] ZHANG, HONG, CN
[71] ZHONGSHAN RIKON ELECTRIC APPLIANCES CO., LTD., CN
[85] 2018-06-07
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[30] CN (201510900683.0) 2015-12-08

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[54] **AERONEF A VOILURE FIXE CAPABLE DE DECOLLER ET D'ATTERRIR VERTICALEMENT, ET SON PROCEDE DE COMMANDE DE PILOTAGE**
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[72] XIE, LING, CN
[71] SHANGHAI FUKUN AVIATION TECHNOLOGY CO., LTD., CN
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[54] **HIDDEN JOINING DEVICE FOR PARTS OF FURNITURE AND FURNISHING ITEMS**
[54] **DISPOSITIF D'ASSEMBLAGE CACHE POUR PARTIES DE MEUBLES ET ARTICLES D'AMEUBLEMENT**
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[71] LEONARDO S.R.L., IT
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[54] **LOGEMENT POUR TIRANT DE COFFRAGE**
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[71] DOKA GMBH, AT
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[54] **METHODS FOR THE RE-DERIVATION OF DIVERSE PLURIPOTENT STEM CELL-DERIVED BROWN FAT CELLS**
[54] **PROCEDES DE RE-DERIVATION DE DIVERSES CELLULES DE TISSU ADIPEUX BRUN DERIVEES DE CELLULES SOUCHES PLURIPOTENTES**
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[72] STERNBERG, HAL, US
[71] BIOTIME, INC., US
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[54] **AIR DOME HAVING WINDOWS**
[54] **STRUCTURE GONFLABLE A FENETRE**
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[54] **POLYELECTROLYTE-LAYER FORMING BLOCK COPOLYMERS AND COMPOSITIONS AND USES THEREOF**
[54] **COPOLYMERES SEQUENCES FORMANT UNE COUCHE DE POLYELECTROLYTES, COMPOSITIONS LES CONTENANT ET LEURS UTILISATIONS**
[72] SILBERT, GILAD, IL
[72] BERKOVITCH, MICHAEL, IL
[72] WILSON, DAVID JAMES, FR
[71] ADAMA MAKHTESHIM LTD., IL
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[54] **BARGE A ENERGIE RENOUVELABLE**
[72] BURT, MICHAEL, IL
[72] ROSENFELD, YEHIEL, IL
[71] NEPTUNETECH LTD, IL
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[25] EN
[54] **PROCESS FOR PACKAGING STICKY SUBSTANCES IN THE FLUID PHASE WITH A THIN FILM**
[54] **PROCEDE DE CONDITIONNEMENT DE SUBSTANCES COLLANTES EN PHASE LIQUIDE AVEC UN FILM MINCE**
[72] RIZZIERI, GIORGIO, IT
[71] SAV HOLDING S.P.A., IT
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[54] **MILKING DEVICE**
[54] **DISPOSITIF DE TRAITE**
[72] WALVOORT, WILBERT TIMOTHEUS, NL
[72] VAN DORP, MICHIEL ADRIAAN, NL
[72] MOSTERT, GERARD, NL
[71] LELY PATENT N.V., NL
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[54] **PROCESS FOR PREPARATION OF BIOORGANIC NYLON POLYMERS AND THEIR USE AS ANTIBACTERIAL MATERIAL**
[54] **PROCEDE DE PREPARATION DE POLYMERES DE NYLON BIO-ORGANIQUES ET LEUR UTILISATION A TITRE DE MATIERE ANTIBACTERIENNE**
[72] MARTINEZ, JEAN, FR
[72] MEHDI, AHMAD, FR
[72] SUBRA, GILLES, FR
[72] JEBORS, SAID, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **INSTANT SCRATCH-OFF LOTTERY TICKET WITH LUMINESCENT SECURITY MARKER**
[54] **BILLET DE LOTERIE INSTANTANEE A GRATTER A MARQUEUR DE SECURITE LUMINESCENT**
[72] STEPHENS, KENNETH A., US
[71] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
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[54] **CALCIUM ENRICHED SEAFOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE MARIN ENRICHI EN CALCIUM**
[72] KASEMSUWAN, TUNYAWAT, TH
[72] BOONTIANG, SUPAPORN, TH
[71] THAI UNION GROUP PUBLIC COMPANY LIMITED, TH
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[54] **METHOD FOR PRODUCING 3-OXOADIPIC ACID**
[54] **PROCEDE DE PRODUCTION D'ACIDE 3-OXOADIPIQUE**
[72] ISOBE, KYOHEI, JP
[72] KAWAMURA, KENJI, JP
[72] ITO, MASATERU, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **COMPOSITIONS ET METHODES DE DIAGNOSTIC ET DE TRAITEMENT DE FRACTURES ET AFFECTIONS OSSEUSES**
[72] GRILLARI, JOHANNES, AT
[72] GRILLARI, REGINA, AT
[72] HACKL, MATTHIAS, AT
[72] WEILNER, SYLVIA, AT
[71] UNIVERSITAT FUR BODENKULTUR WIEN, AT
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[25] EN
[54] **POWDERY FORMULATIONS WITH SURFACE ACTIVE SUBSTANCES ON SOLID, WATER-SOLUBLE CARRIERS, METHOD FOR THE PRODUCTION AND USE THEREOF**
[54] **FORMULATIONS PULVERULENTES DE SUBSTANCES TENSIOACTIVES SUR SUPPORTS HYDROSOLUBLES SOLIDES, PROCEDE DE PRODUCTION DESDITES FORMULATIONS ET LEUR UTILISATION**
[72] KLOSTERMANN, MICHAEL, DE
[72] SIEVERDING, EWALD, DE
[72] HANSEL, RENE, DE
[72] VENZMER, JOACHIM, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **PRESENTOIR DE MARCHANDISES**
[72] KIM, MOONSIK, KR
[72] LEE, HONGKEUN, KR
[71] SEIDAE INDUSTRIAL CO.,LTD., KR
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[54] **PANSEMENT TRANSDERMIQUE MULTIFONCTIONNEL POUR PLAIES**
[72] KASTHURI, RANGAN KRISHNASWAMY, US
[72] SRINIVAS, SUDARSHAN TIRUMALAI, US
[71] MATERIALS MODIFICATION INC., US
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[54] **MODULE DE FIXATION SERVANT A LA FIXATION DE RAILS D'ASCENSEUR**
[72] MADUREIRA DE ALMEIDA, ROGERIO, CH
[71] INVENTIO AG, CH
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[54] **TREATMENT OF FIBROSIS**
[54] **TRAITEMENT DE LA FIBROSE**
[72] COOK, STUART ALEXANDER, SG
[72] SCHAEFER, SEBASTIAN, SG
[71] SINGAPORE HEALTH SERVICES PTE LTD, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
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[54] **LIGHTING FIXTURE WITH REPLACEABLE LIGHT ENGINE**
[54] **LUMINAIRE COMPRENANT UN MOTEUR DE LUMIERE REMPLACABLE**
[72] GERMAIN, STEVE, CA
[72] WAN FONG, DAVID, CA
[72] WAHEED, YASEEN AHMED, CA
[72] BUGENSKE, MATTHEW A., US
[72] KHAN, MAJID, CA
[72] RIOUX, JUSTIN, CA
[71] GE LIGHTING SOLUTIONS, LLC, US
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[25] EN
[54] **GENERATING DIGITAL MODELS OF RELATIVE YIELD OF A CROP BASED ON NITRATE VALUES IN THE SOIL**
[54] **PRODUCTION DE MODELES NUMERIQUES DE RENDEMENT RELATIF D'UNE CULTURE EN FONCTION DE VALEURS DE NITRATES DANS LE SOL**
[72] XU, LIJUAN, US
[72] XU, YING, US
[72] GUPTA, ANKUR, US
[71] THE CLIMATE CORPORATION, US
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[54] **MICROSTRUCTURE FOR TRANSDERMAL ABSORPTION AND METHOD FOR MANUFACTURING SAME**
[54] **MICROSTRUCTURE POUR ABSORPTION PERCUTANEE ET SON PROCEDE DE FABRICATION**
[72] KWON, SOON CHANG, KR
[72] PARK, SANG JIN, KR
[72] KIM, JAE SOO, KR
[71] ENDODERMA CO.,LTD., KR
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[25] EN
[54] **GEL ELECTROPHORESIS AND TRANSFER COMBINATION USING CONDUCTIVE POLYMERS AND METHOD OF USE**
[54] **ELECTROPHORESE SUR GEL ET COMBINAISON DE TRANSFERT AU MOYEN DE POLYMERES CONDUCTEURS ET PROCEDE D'UTILISATION**
[72] WOODHAM, ANDREW, US
[71] WOODHAM BIOTECHNOLOGY HOLDINGS, LLC, US
[85] 2018-06-07
[86] 2016-11-10 (PCT/US2016/061443)
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[54] **LAITIER METALLURGIQUE RICHE EN LITHIUM**
[72] QUIX, MAARTEN, BE
[72] VAN HOREBEEK, DAVID, BE
[72] SUETENS, THOMAS, BE
[71] UMICORE, BE
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[54] **FUNCTIONALIZED PENTANOIC ACIDS FOR USE IN INFLUENZA VIRAL INFECTIONS**
[54] **ACIDES PENTANOIQUES FONCTIONNALISES A UTILISER DANS DES INFECTIONS A VIRUS INFLUENZA**
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] BALEMANS, WENDY MIA ALBERT, BE
[72] MC GOWAN, DAVID CRAIG, BE
[72] MOTTE, MAGALI MADELEINE SIMONE, FR
[72] LANCOIS, DAVID FRANCIS ALAIN, FR
[72] LAMBERT, EMILIE MARIE, FR
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[25] EN
[54] **DEVICE FOR REMOVING AIR FROM AN ANATOMICAL CAVITY IN A SURGICAL INTERVENTION**
[54] **DISPOSITIF D'ELIMINATION D'AIR D'UNE CAVITE ANATOMIQUE AU COURS D'UNE INTERVENTION CHIRURGICALE**
[72] DEMERTZIS, STEFANOS, CH
[72] VANDENBERGHE, STIJN, CH
[71] LUGANO TECHNOLOGY TRANSFER (LTT) SA, CH
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[54] **AEROSOL-GENERATING DEVICE HAVING MULTIPLE POWER SUPPLIES**
[54] **DISPOSITIF DE GENERATION D'AEROSOL AYANT DE MULTIPLES SOURCES D'ALIMENTATION**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **SYNTHESIS OF CYCLOHEXANE ESTER DERIVATIVES USEFUL AS SENSATES IN CONSUMER PRODUCTS**
[54] **SYNTHESE DE DERIVES D'ESTER DE CYCLOHEXANE UTILISES COMME AGENTS SENSORIELS DANS DES PRODUITS DE CONSOMMATION**
[72] WOS, JOHN AUGUST, US
[72] YELM, KENNETH EDWARD, US
[72] BUNKE, GREGORY MARK, US
[72] FREDERICK, HEATH ALAN, US
[72] REILLY, MICHAEL, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] SREEKRISHNA, KOTI TATACHAR, US
[72] LIN, YAKANG, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **VAP-1 INHIBITORS FOR TREATING PAIN**
[54] **INHIBITEURS DE VAP-1 POUR LE TRAITEMENT DE LA DOULEUR**
[72] PRITCHARD, MARTYN, GB
[72] RICHARDSON, PETER, GB
[71] BENEVOLENTAI CAMBRIDGE LIMITED, GB
[85] 2018-06-07
[86] 2016-12-07 (PCT/GB2016/053848)
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[54] **STABILIZED MOISTURE-CURABLE POLYMERIC COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES STABILISEES DURCISSABLES A L'HUMIDITE**
[72] LI, DACHAO, US
[72] DRAZBA, JESSICA D., US
[72] TALREJA, MANISH, US
[72] COGEN, JEFFREY M., US
[72] PERSON, TIMOTHY J., US
[72] CARONIA, PAUL J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. C07C 211/14 (2006.01) A01N 43/40 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS RELATED TO HALF SALTS OF HERBICIDAL CARBOXYLIC ACIDS**
[54] **COMPOSITIONS ET PROCEDES ASSOCIES AUX DEMI-SELS D'ACIDES CARBOXYLIQUES HERBICIDES**
[72] LIU, LEI, US
[72] TANK, HOLGER, CN
[72] OLDS, MELISSA GAIL, US
[72] WILSON, STEPHEN L., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-06-07
[86] 2016-12-14 (PCT/US2016/066571)
[87] (WO2017/106287)
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[51] **Int.Cl. B01D 29/01 (2006.01) B01D 29/90 (2006.01) G01N 33/28 (2006.01)**
[25] FR
[54] **DISPOSITIF DE FILTRATION D'UNE SUSPENSION**
[54] **DEVICE FOR FILTERING A SUSPENSION**
[72] FERAUD, JEAN-PIERRE, FR
[72] RANDRIAMANANTENA, TOJONIRINA, FR
[72] SALEMI, LAURENT, FR
[72] BOURCIER, DAMIEN, FR
[72] CHEZAUD, DAVID, FR
[72] BORTOLIN, ETIENNE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] FLOWERSEP, FR
[85] 2018-06-07
[86] 2016-12-14 (PCT/EP2016/081064)
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[25] EN
[54] **(R)-CARBIDOPA ALONE OR IN COMBINATION WITH A STEROID FOR TREATING PAIN, INFLAMMATION, AN INFLAMMATORY DISEASE, AN IMMUNE OR AUTOIMMUNE DISEASE AND TUMOUR GROWTH**
[54] **NOUVELLES UTILISATIONS THERAPEUTIQUES D'INHIBITEURS ENZYMATIQUES**
[72] PRITCHARD, MARTYN, GB
[72] RICHARDSON, PETER, GB
[71] PROXIMAGEN GROUP LIMITED, GB
[85] 2018-06-07
[86] 2016-12-07 (PCT/GB2016/053849)
[87] (WO2017/098237)
[30] GB (1521541.1) 2015-12-07

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[51] **Int.Cl. C02F 1/72 (2006.01) C02F 1/52 (2006.01) C02F 1/56 (2006.01)**
[25] EN
[54] **METHODS OF MICROBIAL CONTROL**
[54] **PROCEDES DE LUTTE MICROBIENNE**
[72] BUSCHMANN, WAYNE E., US
[71] CLEAN CHEMISTRY, INC., US
[85] 2018-06-07
[86] 2016-12-07 (PCT/US2016/065326)
[87] (WO2017/100284)
[30] US (62/263,900) 2015-12-07

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[51] **Int.Cl. A63C 9/04 (2012.01) A63C 5/00 (2006.01)**
[25] EN
[54] **SNOWBOARD BINDING AND SNOWBOARD**
[54] **FIXATION DE SNOWBOARD ET SNOWBOARD**
[72] REINARZ, KELLY, US
[71] REINARZ, KELLY, US
[85] 2018-06-07
[86] 2016-12-14 (PCT/US2016/066584)
[87] (WO2017/106296)
[30] US (14/967,989) 2015-12-14

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[51] **Int.Cl. H02P 9/00 (2006.01) H02J 3/28 (2006.01)**
[25] EN
[54] **ELECTRICAL SYSTEMS AND RELATED FREQUENCY REGULATION METHODS**
[54] **SYSTEMES ELECTRIQUES ET PROCEDES DE REGULATION DE FREQUENCE ASSOCIES**
[72] PORTER, DAVID GLENN, US
[71] S&C ELECTRIC COMPANY, US
[85] 2018-06-07
[86] 2016-12-16 (PCT/US2016/067283)
[87] (WO2017/106719)
[30] US (62/269,421) 2015-12-18
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[25] EN
[54] **QUINOLINE COMPOUNDS, PREPARATION METHODS THEREOF, AND USES THEREOF AS URATE TRANSPORTER INHIBITOR DRUG**
[54] **COMPOSES DE QUINOLEINE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME MEDICAMENT INHIBITEUR DE TRANSPORTEUR D'URATE**
[72] FAN, LEI, CN
[72] DU, WU, CN
[72] LI, XINGHAI, CN
[72] CHEN, YUANWEI, CN
[72] XU, KEXIN, CN
[72] CHEN, KE, CN
[72] ZHANG, SHAOHUA, CN
[72] LUO, TONGCHUAN, CN
[71] HINOVA PHARMACEUTICALS INC., CN
[85] 2018-06-06
[86] 2016-12-06 (PCT/CN2016/108688)
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[30] CN (201510896887.1) 2015-12-07

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[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **COORDINATED MOBILE ACCESS TO ELECTRONIC MEDICAL RECORDS**
[54] **ACCES MOBILE COORDONNE A DES DOSSIERS MEDICAUX ELECTRONIQUES**
[72] KUMAR, PRADEEP, IN
[71] DOC BUDDY, INC., US
[85] 2018-06-07
[86] 2016-02-19 (PCT/US2016/018761)
[87] (WO2016/134307)
[30] US (62/118,041) 2015-02-19

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[51] **Int.Cl. C07D 401/14 (2006.01) C07F 3/00 (2006.01) C07F 15/00 (2006.01)**
[25] FR
[54] **WATER-SOLUBLE TRIAZAPYRIDINOPHANE-BASED COMPLEXING AGENTS AND CORRESPONDING FLUORESCENT LANTHANIDE COMPLEXES**
[54] **AGENTS COMPLEXANTS HYDROSOLUBLES A BASE DE TRIAZAPYRIDONOPHANE ET COMPLEXES DE LANTHANIDE FLUORESCENTS CORRESPONDANTS**
[72] LAMARQUE, LAURENT, FR
[72] PICARD, CLAUDE, FR
[72] GALAUP, CHANTAL, FR
[72] LEYGUE, NADINE, FR
[72] ZWIER, JURRIAAN, FR
[72] BOURRIER, EMMANUEL, FR
[71] CISBIO BIOASSAYS, FR
[71] UNIVERSITE PAUL SABATIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-06-07
[86] 2016-12-09 (PCT/FR2016/053296)
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[25] EN
[54] **SYSTEM AND METHOD FOR CLEANING MUD TANK**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE D'UN RESERVOIR DE BOUE**
[72] ENGEN, SIGLEIF, NO
[72] ERIKSEN, FRANK, NO
[71] SCHLUMBERGER NORGE AS, NO
[85] 2018-06-07
[86] 2016-12-15 (PCT/US2016/066776)
[87] (WO2017/106418)
[30] US (62/269,069) 2015-12-17

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[25] EN
[54] **ELECTRICAL SYSTEMS AND RELATED ISLANDING DETECTION METHODS**
[54] **SYSTEMES ELECTRIQUES ET PROCEDES DE DETECTION D'ILOTAGE ASSOCIES**
[72] PORTER, DAVID GLENN, US
[71] S&C ELECTRIC COMPANY, US
[85] 2018-06-07
[86] 2016-12-16 (PCT/US2016/067291)
[87] (WO2017/106725)
[30] US (62/269,437) 2015-12-18
[30] US (15/381,913) 2016-12-16

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[54] **BEAMFORMING TRAINING USING MULTIPLE-INPUT AND MULTIPLE-OUTPUT TRANSMISSION SCHEME**
[54] **APPRENTISSAGE DE FORMATION DE FAISCEAUX AU MOYEN DE SCHEMA DE TRANSMISSION ENTREE MULTIPLE SORTIE MULTIPLE**
[72] EITAN, ALECSANDER PETRU, US
[72] SANDEROVICH, AMICHAI, US
[72] BASSON, GAL, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-07
[86] 2016-12-15 (PCT/US2016/066947)
[87] (WO2017/123379)
[30] US (62/278,653) 2016-01-14
[30] US (15/379,184) 2016-12-14

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[51] **Int.Cl. A61K 39/42 (2006.01) C07K 16/00 (2006.01) C07K 16/10 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODY COCKTAILS FOR TREATMENT OF EBOLA INFECTIONS**
[54] **COCKTAILS D'ANTICORPS MONOCLONAUX POUR LE TRAITEMENT D'INFECTIONS A EBOLA**
[72] HIATT, ANDREW, US
[72] ZEITLIN, LARRY, US
[72] WHALEY, KEVIN, US
[72] PAULY, MICHAEL, US
[71] MAPP BIOPHARMACEUTICAL, INC., US
[85] 2018-06-07
[86] 2016-05-06 (PCT/US2016/031242)
[87] (WO2016/179511)
[30] US (14/706,910) 2015-05-07
[30] US (15/146,990) 2016-05-05

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[51] **Int.Cl. A61K 39/08 (2006.01) A61K 38/16 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **BOTULINUM TOXIN FOR PRIMARY DISORDERS OF MOOD AND AFFECT USING NEUROTRANSMITTER**
[54] **TOXINE BOTULINIQUE POUR LE TRAITEMENT DE TROUBLES PRIMAIRES DE L'HUMEUR ET DE L'AFFECT A L'AIDE D'UN NEUROTRANSMETTEUR**
[72] BORODIC, GARY, US
[72] ACQUADRO, MARTIN, US
[71] REVANCE THERAPEUTICS, INC., US
[85] 2018-06-07
[86] 2016-12-09 (PCT/US2016/065898)
[87] (WO2017/100624)
[30] US (14/966,759) 2015-12-11

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[51] **Int.Cl. D01F 6/30 (2006.01)**
[25] EN
[54] **POLYETHYLENE COMPOSITIONS FOR THE PREPARATION OF TAPES, FIBERS, OR MONOFILAMENTS**
[54] **COMPOSITIONS DE POLYETHYLENE POUR LA PREPARATION DE RUBANS, DE FIBRES OU DE MONOFILAMENTS**
[72] LLOP, COSME, ES
[72] ARROYO VILLAN, MARIA ISABEL, ES
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-06-07
[86] 2016-11-07 (PCT/US2016/060771)
[87] (WO2017/099915)
[30] US (62/265,442) 2015-12-10

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/60 (2017.01) C07K 14/54 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **INTERLEUKIN-15 COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS D'INTERLEUKINE-15 ET LEURS UTILISATIONS**
[72] MCCAULEY, SCOTT ALAN, US
[72] MUMM, JOHN BRIAN, US
[72] CHAN, IVAN HO, US
[71] ARMO BIOSCIENCES, INC., US
[85] 2018-06-07
[86] 2016-12-15 (PCT/US2016/067042)
[87] (WO2017/112528)
[30] US (62/270,447) 2015-12-21

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[51] **Int.Cl. A47B 3/00 (2006.01) A47B 13/08 (2006.01) B29C 49/00 (2006.01)**
[25] EN
[54] **BLOW-MOLDED PLASTIC STRUCTURES**
[54] **STRUCTURES EN PLASTIQUE MOULE PAR SOUFFLAGE**
[72] NYE, S. CURTIS, US
[72] STANFORD, CARL R., US
[72] PEERY, WENDELL, US
[72] OLSEN, ERIC, US
[72] MONSON, CHARLES, US
[72] CLEGG, FRANK, US
[71] LIFETIME PRODUCTS, INC., US
[85] 2018-06-07
[86] 2017-02-23 (PCT/US2017/019046)
[87] (WO2017/147245)
[30] US (62/298,896) 2016-02-23
[30] US (15/439,842) 2017-02-22

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[51] **Int.Cl. H01H 13/14 (2006.01) H01H 13/02 (2006.01) H01H 13/28 (2006.01)**
[25] EN
[54] **MULTI CONFIGURABLE ALARM STATION INCORPORATING A PUSH BUTTON ASSEMBLY AND ASSEMBLY KIT THEREFOR**
[54] **STATION D'ALARME A CONFIGURATIONS MULTIPLES INCORPORANT UN ASSEMBLAGE BOUTON-POUSSOIR ET KIT D'ASSEMBLAGE ASSOCIE**
[72] OCKERT, JOHN, US
[72] HODGES, BRIAN, US
[71] SAFETY TECHNOLOGY INTERNATIONAL INC., US
[85] 2018-06-07
[86] 2017-07-05 (PCT/US2017/040652)
[87] (WO2018/022260)
[30] US (15/222,675) 2016-07-28

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[51] **Int.Cl. F01L 1/34 (2006.01) F01L 1/344 (2006.01)**
[25] EN
[54] **VARIABLE DURATION VALVE SYSTEM**
[54] **SYSTEME DE SOUPAPE A DUREE VARIABLE**
[72] JEFFERY, JOHN DAVID, CA
[71] 2575168 ONTARIO INC., CA
[85] 2018-06-08
[86] 2016-12-09 (PCT/CA2016/000309)
[87] (WO2017/096462)
[30] US (62/266,058) 2015-12-11

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[13] A1
[51] **Int.Cl. G01B 11/245 (2006.01)**
[25] EN
[54] **DEVICE FOR THE CONTACTLESS THREE-DIMENSIONAL INSPECTION OF BLADES FOR TURBOMACHINES, PARTICULARLY FOR AIRCRAFT TURBINES OR JET ENGINES**
[54] **DISPOSITIF DE CONTROLE TRIDIMENSIONNEL SANS CONTACT DE PALE POUR TURBOMACHINE, EN PARTICULIER POUR REACTEUR OU TURBINE D'AERONEF**
[72] LE NEEL, DIDIER, FR
[71] MESURE-SYSTEMS3D, FR
[85] 2018-04-13
[86] 2016-11-02 (PCT/EP2016/076336)
[87] (WO2017/076853)
[30] FR (1560486) 2015-11-02

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[51] **Int.Cl. A61K 31/7072 (2006.01) A61K 31/41 (2006.01) A61K 31/505 (2006.01) A61K 31/7068 (2006.01) A61K 31/7076 (2006.01) A61K 31/708 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **NEW METHOD OF TREATING BACTERIAL INFECTIONS**
[54] **NOUVELLE METHODE DE TRAITEMENT DES INFECTIONS BACTERIENNES**
[72] OBERG, BO, SE
[72] BROBERG, ANDERS, SE
[72] GUSS, BENGT, SE
[72] LEVENFORS, JOLANTA, SE
[72] BJERKETORP, JOAKIM, SE
[72] NORD, CHRISTINA, SE
[71] ULTUPHARMA AB, SE
[85] 2018-06-07
[86] 2017-01-27 (PCT/SE2017/050071)
[87] (WO2017/131576)
[30] SE (1650097-7) 2016-01-27

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[13] A1
[51] **Int.Cl. B41J 2/17 (2006.01) B41J 2/14 (2006.01)**
[25] EN
[54] **PRINTING APPARATUS AND METHOD FOR PRINTING**
[54] **APPAREIL D'IMPRESSION ET PROCEDE D'IMPRESSION**
[72] PELLETIER, ANDREE, CA
[71] SUBLINOVE INC., CA
[85] 2018-06-08
[86] 2015-12-15 (PCT/CA2015/051325)
[87] (WO2016/095034)
[30] US (62/092,593) 2014-12-16

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[51] **Int.Cl. H01M 10/613 (2014.01) H01M 10/052 (2010.01) H01M 10/0585 (2010.01) H01M 10/0587 (2010.01) H01M 10/66 (2014.01) H01M 2/02 (2006.01)**
[25] EN
[54] **BATTERY WITH ELECTROCHEMICAL CELLS HAVING VARIABLE IMPEDANCE**
[54] **BATTERIE A CELLULES ELECTROCHIMIQUES A IMPEDANCE VARIABLE**
[72] COTTON, FREDERIC, CA
[72] REBOUL-SALZE, CEDRIC, CA
[72] LEBLANC, PATRICK, CA
[72] GUENA, THIERRY, CA
[72] VALLEE, ALAN, CA
[71] BLUE SOLUTIONS CANADA INC., CA
[85] 2018-06-08
[86] 2016-12-12 (PCT/CA2016/000310)
[87] (WO2017/096463)
[30] US (62/266,026) 2015-12-11

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[51] **Int.Cl. C02F 11/12 (2006.01) C02F 1/38 (2006.01) C02F 1/52 (2006.01) C02F 1/54 (2006.01) C02F 1/56 (2006.01) C08F 220/06 (2006.01) C08F 220/56 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS POLYMERES ET PROCEDES D'UTILISATION**
[72] JACKSON, LOGAN, US
[72] LYNCH, THOMAS J., US
[72] ROBINSON, RONALD, US
[72] FOURNIER, FRANCES, US
[72] YANG, HONG, US
[72] AUJLA, SUKHJIT, US
[72] KIM, DO HOON, US
[72] ALEXIS, DENNIS ARUN, US
[72] DWARAKANATH, VARADARAJAN, US
[72] ESPINOSA, DAVID, US
[72] MALIK, TAIMUR, US
[71] KEMIRA OYJ, FI
[71] CHEVRON U.S.A. INC., US
[85] 2018-06-07
[86] 2016-12-07 (PCT/US2016/065397)
[87] (WO2017/100331)
[30] US (62/264,703) 2015-12-08

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **CARDIAC VALVE PROSTHESIS**
[54] **PROTHESE DE VALVULE CARDIAQUE**
[72] RIGHINI, GIOVANNI, CH
[71] INNOVHEART S.R.L., IT
[85] 2018-06-07
[86] 2016-12-15 (PCT/IB2016/057646)
[87] (WO2017/103833)
[30] IT (102015000083515) 2015-12-15

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[51] **Int.Cl. B03B 7/00 (2006.01) B03B 9/06 (2006.01) B07C 5/00 (2006.01) B09B 3/00 (2006.01) C02F 1/00 (2006.01) C02F 3/00 (2006.01) C02F 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SEPARATING MATERIALS USING STIRRING MOTION, STRATIFICATION, AND VERTICAL MOTION**
[54] **SYSTEME ET PROCEDE PERMETTANT DE SEPARER DES MATERIAUX AU MOYEN D'UN MOUVEMENT DE BRASSAGE, D'UNE STRATIFICATION ET D'UN MOUVEMENT VERTICAL**
[72] VALERIO, THOMAS A., US
[71] VALERIO, THOMAS A., US
[85] 2018-06-07
[86] 2016-12-07 (PCT/US2016/065458)
[87] (WO2017/100371)
[30] US (62/264,141) 2015-12-07
[30] US (62/286,346) 2016-01-23

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[13] A1
[51] **Int.Cl. C25C 1/12 (2006.01) C22B 3/06 (2006.01) C22B 3/42 (2006.01) C25C 7/00 (2006.01)**
[25] EN
[54] **ELECTROWINNING CIRCUIT AND METHOD FOR GATHERING OF METAL OF INTEREST BY AN IONIC EXCHANGE INTERFACE**
[54] **CIRCUIT D'EXTRACTION ELECTROLYTIQUE ET PROCEDE DE COLLECTE DE METAL D'INTERET PAR UNE INTERFACE D'ECHANGE IONIQUE**
[72] AMIGO PALACIOS, MAURICIO ANDRES, CL
[72] AMIGO JIMENEZ, MAURICIO, CL
[71] OPTIMIZACION DE PROCESOS MINEROS S.A., CA
[85] 2018-06-08
[86] 2014-12-11 (PCT/CA2014/051197)
[87] (WO2016/090458)

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[13] A1
[51] **Int.Cl. A61B 17/66 (2006.01) A61B 17/68 (2006.01)**
[25] FR
[54] **PLATE DISTRACTOR AND ASSEMBLY OF SUCH A PLATE DISTRACTOR AND AN ACTIVATION TOOL**
[54] **DISTRACTEUR A PLAQUES ET ENSEMBLE D'UN TEL DISTRACTEUR A PLAQUES ET D'UN OUTIL D'ACTIVATION**
[72] STROZYK, HERVE, FR
[72] BOISSON, JEAN, FR
[72] CHERFA, LAHCEN, FR
[72] KADLUB, NATACHA, FR
[72] PICARD, ARNAUD, FR
[71] ECOLE NATIONALE SUPERIEURE DE TECHNIQUES AVANCEES, FR
[71] ECOLE POLYTECHNIQUE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[85] 2018-06-07
[86] 2016-12-09 (PCT/EP2016/080481)
[87] (WO2017/097998)
[30] FR (1562069) 2015-12-09

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[13] A1
[51] **Int.Cl. G06F 19/22 (2011.01) G06F 19/28 (2011.01) C12N 15/10 (2006.01)**
[25] EN
[54] **MICROBIAL STRAIN IMPROVEMENT BY A HTP GENOMIC ENGINEERING PLATFORM**
[54] **AMELIORATION DE SOUCHES MICROBIENNES PAR UNE PLATEFORME D'INGENIERIE GENOMIQUE HTP**
[72] SERBER, ZACH, US
[72] BRUNO, KENNETH S., US
[72] MANCHESTER, SHAWN, US
[72] GORA, KASIA, US
[72] FLASHMAN, MICHAEL, US
[72] SHELLMAN, ERIN, US
[72] KIMBALL, AARON, US
[72] SZYJKA, SHAWN, US
[72] FREWEN, BARBARA, US
[72] TREYNOR, THOMAS, US
[72] DEAN, ERIK JED, US
[71] ZYMERGEN INC., US
[85] 2018-06-07
[86] 2016-12-07 (PCT/US2016/065465)
[87] (WO2017/100377)
[30] US (62/264,232) 2015-12-07
[30] US (15/140,296) 2016-04-27
[30] US (62/368,786) 2016-07-29

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[13] A1
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[54] **DISPOSITIF DE PROTECTION DE BATTERIE**
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[72] ROY, YVAN, CA
[72] CARIGNAN, CLAUDE, CA
[72] POTIER, NICOLAS, CA
[71] BLUE SOLUTIONS CANADA INC., CA
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[54] **DESTRUCTIBLE CASING SEGMENTATION DEVICE AND METHOD FOR USE**
[54] **DISPOSITIF DE SEGMENTATION DE TUBAGE DESTRUCTIBLE ET PROCEDE D'UTILISATION**
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[72] NELSON, KURT, US
[72] HOLTMAN, JARED, US
[72] GAMMONS, SCOTT, US
[72] DANYLUK, JAMES, US
[72] GARVEY, ALAN, US
[72] MORRIS, MARC, US
[72] SMITH, JOSEPH, US
[71] ENSIGN-BICKFORD AEROSPACE & DEFENSE COMPANY, US
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[54] **BATTERY WITH VARIABLE ELECTROCHEMICAL CELLS CONFIGURATION**
[54] **BATTERIE A CONFIGURATION VARIABLE DE CELLULES ELECTROCHIMIQUES**
[72] COTTON, FREDERIC, CA
[72] REBOUL-SALZE, CEDRIC, CA
[72] LEBLANC, PATRICK, CA
[72] GUENA, THIERRY, CA
[72] VALLEE, ALAIN, CA
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[54] **COMPUTER NETWORK THREAT ASSESSMENT**
[54] **EVALUATION DE MENACE DE RESEAU INFORMATIQUE**
[72] REYBOK, RICHARD, JR., US
[72] RHINES, JEFFREY, US
[72] ZETTLE, KURT JOSEPH, II, US
[72] GEDDES, HENRY, US
[71] SERVICENOW, INC., US
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[54] **ETUI A LUNETTES PORTABLE**
[72] CECCARELLI, LORETO J., CA
[71] CECCARELLI, LORETO J., CA
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[54] **HIGHLY PARALLEL ASSAYS FOR SIMULTANEOUS IDENTIFICATION OF ANTIBODY SEQUENCES AND BINDING PARTNERS**
[54] **DOSAGES FORTEMENT PARALLELES POUR L'IDENTIFICATION SIMULTANEE DE SEQUENCES D'ANTICORPS ET DE PARTENAIRES DE LIAISON**
[72] FALCONER, ESTER, CA
[72] HANSEN, CARL LARS GENGHIS, CA
[72] LECAULT, VERONIQUE, CA
[72] LISAINGO, KATHLEEN, CA
[72] HEYRIES, KEVIN ALBERT, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **ACCESSOIRE D'ENTRAINEMENT CONVERTIBLE POUR LE DEVELOPPEMENT EN PLUSIEURS ETAPES D'UN PATINEUR**
[72] PATTERSON, CHRISTOPHER, CA
[71] PATTERSON, CHRISTOPHER, CA
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[54] **NUCLEIC ACID AMPLIFICATION BIOSENSOR FOR USE IN ROLLING CIRCLE AMPLIFICATION (RCA)**
[54] **BIOCAPTEUR D'AMPLIFICATION D'ACIDE NUCLEIQUE UTILE DANS L'AMPLIFICATION PAR CERCLE ROULANT (RCA)**
[72] LI, YINGFU, CA
[72] BRENNAN, JOHN, CA
[72] LIU, MENG, CA
[71] MCMASTER UNIVERSITY, CA
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[54] **ATTRACTANTS FOR RATS**
[54] **COMPOSITIONS ET PROCEDES POUR ATTIRER LES RATS RATTUS NORVEGICUS COMPRENANT DES COMPOSES DE PHEROMONE DERIVES DE SUBSTANCES VOLATILES D'ESPACE DE TETE D'ODEUR D'URINE MALE OU FEMELLE**
[72] GRIES, GERHARD, CA
[72] TAKACS, STEPHEN JOSEPH, CA
[72] GRIES, REGINE, CA
[71] GRIES, GERHARD, CA
[85] 2018-06-08
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[54] **SYNTHESIS OF ZEOLITE WITH THE CHA CRYSTAL STRUCTURE, SYNTHESIS PROCESS AND USE THEREOF FOR CATALYTIC APPLICATIONS**
[54] **SYNTHESE DE ZEOLITE AU MOYEN DE LA STRUCTURE CRISTALLINE CHA, PROCEDE DE SYNTHESE ET SON UTILISATION POUR DES APPLICATIONS CATALYTIQUES**
[72] CORMA CANOS, AVELINO, ES
[72] MOLINER MARIN, MANUEL, ES
[72] MARTIN GARCIA, NURIA, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[71] UNIVERSITAT POLITECNICA DE VALENCIA, ES
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[54] **FILTRAGE COLLABORATIF PROFOND DE BOUT EN BOUT**
[72] VOLKOVS, MAKSIMS, CA
[72] POUTANEN, TOMI JOHAN, CA
[71] THE TORONTO-DOMINION BANK, CA
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[54] **COMPOSITION DE REVETEMENT AQUEUSE ET SON PROCEDE DE FABRICATION**
[72] WANG, CAIFENG, CN
[72] XU, JIANMING, CN
[72] WANG, YUJIANG, CN
[72] LAN, YUNFEI, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **FLOW MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE DEBIT**
[72] KOLTZ, MICHAEL LEE, JR., US
[72] OMAR, MANSUR IBNE, US
[71] MEDTRONIC XOMED, INC., US
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[54] **INJECTION DEVICE FOR INJECTING DOSED AMOUNTS OF A LIQUID THERAPEUTIC AGENT**
[54] **DISPOSITIF D'INJECTION PERMETTANT D'INJECTER DES QUANTITES DOSEES D'UN FLUIDE THERAPEUTIQUE**
[72] BENTRUP, MARKUS, DE
[72] SCHILDT, JANKO, DE
[71] EMPERRA GMBH E-HEALTH TECHNOLOGIES, DE
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[54] **VOIE FERREE EN ACIER A EXTREMITE BISEAUTEE**
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[25] EN
[54] **SYSTEMS, METHODS AND APPARATUS FOR ASSEMBLING A TRANSPORT STREAM FROM SATELLITE TRANSPONDER SIGNALS**
[54] **SYSTEMES, PROCEDES, ET APPAREIL D'ASSEMBLAGE D'UN FLUX DE TRANSPORT A PARTIR DE SIGNAUX DE TRANSPONDEUR SATELLITE**
[72] LANGER, PAUL, US
[71] ECHOSTAR TECHNOLOGIES, L.L.C., US
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[25] EN
[54] **METHOD AND DEVICE FOR LAYING VENEER PANELS**
[54] **PROCEDE ET DISPOSITIF DE PLACEMENT DE FEUILLES DE PLACAGE**
[72] HANSES, JOSEF, DE
[71] HANSES SAGEWERKSTECHNIK GMBH & CO. KG, DE
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[54] **PREPARATION METHOD OF TRISODIUM AHU-377 AND VALSARTAN CO-CRYSTAL HYDRATE FORM II**
[54] **PROCEDE DE PREPARATION D'UNE FORME CRISTALLINE II D'HYDRATE EUTECTIQUE D'UN SEL TRISODIQUE DU AHU-377 ET DU DIOVAN**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] ZHANG, LIANG, CN
[71] CRYSTAL PHARMATECH CO., LTD., CN
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[54] **GEOPHYSICAL SURVEY SYSTEMS AND RELATED METHODS**
[54] **SYSTEMES DE LEVE GEOPHYSIQUE ET PROCEDES ASSOCIES**
[72] LONG, ANDREW SAMUEL, US
[71] PGS GEOPHYSICAL AS, NO
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[54] **PALE DE ROTOR D'AUTOGIRE**
[72] FRAUNDORFER, CHRISTOPH, DE
[72] ZOBISCH, ANDRE, DE
[71] FRAUNDORFER, CHRISTOPH, DE
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[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING RHEOLOGICAL PROPERTIES OF CONCRETE**
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION DES PROPRIETES RHEOLOGIQUES DU BETON**
[72] MORO, SANDRO, IT
[72] MAGAROTTO, ROBERTA, IT
[72] MORATTI, FRANCESCA, IT
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **TOOL AND METHOD FOR CONNECTING/DISCONNECTING A RUNNER TO/FROM A SHAFT ASSEMBLY**
[54] **OUTIL ET PROCEDE D'ASSEMBLAGE/DESASSEMBLAGE D'UNE ROUE A/D'UN ENSEMBLE ARBRE**
[72] LOGUIER, PATRICK, FR
[72] GALLY, CHRISTOPHE, FR
[72] JEZEQUEL, CEDRIC, FR
[72] ACHARD, LUDOVIC, FR
[71] GE RENEWABLE TECHNOLOGIES, FR
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[25] EN
[54] **APPLICATION OF SUBSTITUTED CINNAMAMIDE DERIVATIVES IN PREPARATION OF ANTI-ANXIETY MEDICATIONS**
[54] **APPLICATION DE DERIVES SUBSTITUES DU CINNAMAMIDE DANS LA PREPARATION DE MEDICAMENTS CONTRE L'ANXIETE**
[72] HAN, MIN, CN
[72] MA, XIAOHUI, CN
[72] ZHOU, WANGYI, CN
[72] LIU, YANYONG, CN
[72] LI, YANCHUAN, CN
[72] WANG, JING, CN
[72] ZHOU, SHUIPING, CN
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[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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[25] EN
[54] **MIXED IONOPHORE ION-SELECTIVE ELECTRODE FOR THE IMPROVED DETECTION OF UREA IN BLOOD**
[54] **ELECTRODE SELECTIVE D'IONS PAR UN MELANGE D'IONOPHORES POUR LA DETECTION AMELIOREE DE L'UREE DANS LE SANG**
[72] KJAER, THOMAS, DK
[72] MICHELSEN, LONE, DK
[72] SOERENSEN, PAUL RAVN, DK
[72] JAKOBSEN, HANS PETER BLAABJERG, DK
[71] RADIOMETER MEDICAL APS, DK
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[54] **PALLET CAR FOR THE TRANSPORT OF BULK MATERIAL FOR A THERMAL TREATMENT**
[54] **WAGON A PALETTES POUR LE TRANSPORT DE MATERIAU EN VRAC POUR TRAITEMENT THERMIQUE**
[72] RODENHEBER, TIMO, DE
[72] BECKER, ROGER, DE
[72] MANTHEY, PIERRE, DE
[72] ASQUINO, ASTRID, DE
[72] WEBER, TILL, DE
[72] STRODER, MICHAEL, DE
[72] VANDERMAELEN, ISABELLA, DE
[71] OUTOTEC (FINLAND) OY, FI
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[54] **FLUID INTERFACE DEVICE FOR DELIVERING FLUID TO AND/OR WITHDRAWING FLUID FROM A PATIENT**
[54] **DISPOSITIF D'INTERFACE FLUIDIQUE POUR DISTRIBUER UN FLUIDE VERS ET/OU EXTRAIRE UN FLUIDE DEPUIS UN PATIENT**
[72] ANDRETTA, CARLO, CH
[71] SERAIP AG, CH
[85] 2018-06-08
[86] 2016-12-12 (PCT/EP2016/080694)
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[54] **COMBINED PREPARATIONS OF PKM2 MODULATORS AND HMGB1**
[54] **PREPARATIONS COMBINEES DE MODULATEURS DE PKM2 ET DE HMGB1**
[72] GDYNIA, GEORG, DE
[72] ROTH, WILFRIED, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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[25] EN
[54] **COCKING DEVICE FOR A FIRING PIN AND WEAPON COMPRISING SAID COCKING DEVICE**
[54] **DISPOSITIF D'ARMEMENT POUR UN PERCUTEUR ET ARME POURVUE DUDIT DISPOSITIF D'ARMEMENT**
[72] MULLER, ANDY, DE
[72] SCHNEIDER, HUBERT, DE
[72] SCHWEIZER, MARKUS, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2018-06-08
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[25] EN
[54] **CASTABLE REFRACTORY COMPOSITIONS COMPRISING ZEOLITHIC MICROSTRUCTURES AND USES THEREOF**
[54] **COMPOSITIONS REFRACTAIRES COULABLES COMPRENANT DES MICROSTRUCTURES ZEOLITHIQUES, ET LEURS UTILISATIONS**
[72] MEUNIER, PIERRE, FR
[72] DUVAUCHELLE, NICOLAS, FR
[72] MARTIN-CALLE, SERGE, FR
[72] SOUDIER, JEROME, FR
[72] TECHER, ROMAIN, FR
[71] CALDERYS FRANCE, FR
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[30] EP (15307027.1) 2015-12-16
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[30] GB (1606554.2) 2016-04-14

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[54] **UTILISATION D'UN FUSEAU POUR DEPOSER UNE FIBRE OPTIQUE DANS UN PUITS DE FORAGE**
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[72] BAAIJENS, MATHEUS NORBERTUS, NL
[72] HIRSHBLOND, STEPHEN PALMER, US
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[54] **CAD/CAM-MACHINABLE DISC FOR THE MANUFACTURE OF FIBER INLAY-CORES**
[72] REYNAUD, PIERRE-LUC, FR
[72] CHU, MANH-QUYNH, FR
[72] GONZALEZ, MELISSA, FR
[72] RAJON, CYRIL, FR
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[54] **ENSEMBLE DE PANNEAUX ET DE DISPOSITIFS D'ORIENTATION DE PROTECTION POUR DU BETAIL PENDANT LE TRANSPORT**
[72] LESTIDO SARASOLA, JOSE MANUEL, UY
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[54] **STARCH BENEFIT AGENT DELIVERY VEHICLE**
[54] **VEHICULE D'ADMINISTRATION A BASE D'AGENT BENEFIQUE ET D'AMIDON**
[72] CETTI, JONATHAN ROBERT, US
[72] DIHORA, JITEN ODHAVJI, US
[72] NIJAKOWSKI, TIMOTHY ROY, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **PROCEDES DE FORMATION D'UNE SUSPENSION CONTENANT DES MICROCAPSULES FORMEE A PARTIR D'ESTERS DE PHOSPHATE ET D'IONS MULTIVALENTS**
[72] DIHORA, JITEN ODHAVJI, US
[72] NIJAKOWSKI, TIMOTHY ROY, US
[72] CETTI, JONATHAN ROBERT, US
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[54] **PROCEDE ET DISPOSITIF DE MOULAGE D'UNE PIECE COMPOSITE, PIECE COMPOSITE ET EMBARCATION**
[72] ROURE, FREDERIC, FR
[71] GECO INGENIERIE, FR
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[54] **AGENCEMENT POUR CONNECTEUR DE CABLE COAXIAL**
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[72] GRIBBY, STEVE, GB
[72] ALBRICHT, ARNO, NL
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[54] **COMPOSES ISOINDOLE**
[72] LEVER, SARAH, SE
[72] NARJES, FRANK, SE
[72] OLSSON, ROINE INGEMAR, SE
[72] VON BERG, STEFAN, SE
[71] ASTRAZENECA AB, SE
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[54] **TECHNIQUES DE FOURNITURE DE MOBILITE DE LIAISON MONTANTE**
[72] KUBOTA, KEIICHI, US
[72] HORN, GAVIN BERNARD, US
[72] JI, TINGFANG, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] AZARIAN YAZDI, KAMBIZ, US
[72] TAVILDAR, SAURABHA RANGRAO, US
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[54] **SYSTEME D'EOLIENNE DE SECOURS COMPRENANT UN DISPOSITIF DE BLOCAGE EN ROTATION DE LA TURBINE**
[72] POLIN, ERIC JOSEPH ETIENNE, FR
[72] GUIRAUD, JULIEN, FR
[71] SAFRAN ELECTRICAL & POWER, FR
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[72] GERSHONOVITCH, ASSAF, IL
[72] KAUFMAN, RIVKA, IL
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[54] **CONCENTRE DE BOISSON LIQUIDE A BASE DE FIBRES SOLUBLES ET PROCEDE POUR ADMINISTRER DES FIBRES SOLUBLES**
[72] KNUTZEN, JOE, US
[72] HAMMER, JAMES D, US
[72] DUKE, BRYAN, US
[71] CARET PHARMA, LLC, US
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[54] **SELECTION VALVE AND BEVERAGE SYSTEM INCLUDING SAME**
[54] **VANNE DIRECTIONNELLE ET SYSTEME DE BOISSON LA COMPRENANT**
[72] SPIJKER, ANTONIUS JOHANNES, NL
[72] KLABBERS, BRAM, NL
[72] DEES, HENDRIK JOHAN, NL
[72] STANDAAR, KOEN, NL
[72] VAN DER VELDEN, LEONARDUS CORNELIS, NL
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[54] **SYSTEME DE MANUTENTION POUR DISPOSITIFS RECEPTEURS D'ENERGIE SOLAIRE**
[72] PARMA, PAOLO, IT
[72] REBOLDI, ALESSANDRO, IT
[71] REM TEC S.R.L., IT
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[54] **MOUSSE DE RESINE PHENOLIQUE ET PROCEDE POUR SA PRODUCTION**
[72] MUKAIYAMA, SHIGEMI, JP
[71] ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION, JP
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[54] **PROCEDE D'ESTIMATION SPECTRALE DU FOUILLIS D'UN MILIEU LIQUIDE HALIN**
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[72] THOMAS, NICOLAS, FR
[71] SUEZ GROUPE, FR
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[54] **BIOLOGICALLY ACTIVE COMPOUND CONJUGATED TO A STAPLED OR STITCHED PEPTIDE**
[54] **COMPOSE BIOLOGIQUEMENT ACTIF CONJUGUE A UN PEPTIDE ATTACHE OU LIE**
[72] FOSTER, KEITH, GB
[72] EILERS, WOUTER, GB
[72] GADD, ADAM JAMES REGINALD, GB
[71] SUTURA THERAPEUTICS LTD, TC
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[54] **PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE, ET SYSTEME DE PILE A COMBUSTIBLE**
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[71] NISSAN MOTOR CO., LTD., JP
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[54] **DETERGENT ADDITIVE FOR FUEL, AND COPOLYMERS USABLE IN SAID APPLICATION**
[54] **ADDITIF DETERGENT POUR CARBURANT ET COPOLYMERES UTILISABLES DANS CETTE APPLICATION**
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[71] TOTAL MARKETING SERVICES, FR
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[54] **CONNECTEUR DE CABLE COAXIAL**
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[72] GRIBBY, STEVE, GB
[72] ALBRICHT, ARNO, NL
[72] WINANDY, NICOLAS, BE
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[54] **DEHYDROGENATION CATALYST FOR ALKYLAROMATIC COMPOUND, PROCESS FOR PRODUCING SAME, AND DEHYDROGENATION METHOD USING SAME**
[54] **CATALYSEUR DE DESHYDROGENATION POUR COMPOSE ALKYLAROMATIQUE, SON PROCEDE DE PRODUCTION, ET PROCEDE DE DESHYDROGENATION L'UTILISANT**
[72] KODAKARI, NOBUAKI, JP
[72] HIRAHARA, SHINYA, JP
[72] KURAGUCHI, YUMA, JP
[72] KUSABA, TAKASHI, JP
[71] CLARIANT CATALYSTS (JAPAN) K.K., JP
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[72] QIAN, SHAWN, US
[71] LIFESCI PHARMACEUTICALS, INC., BB
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[54] **MACHINE ET PROCEDE POUR LA MISE EN PLACE DE DRAINS VERTICAUX DANS LE SOL**
[72] BERNASINSKI, REGIS, FR
[72] SPRINGER, TODD, FR
[72] QUANDALLE, BENOIT, FR
[71] SOLETANCHE FREYSSINET, FR
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[72] GRIBBY, STEVE, GB
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[54] **ATTACHMENT DEVICE ALLOWING NATURAL WRIST ROTATION FOR OSSEOINTEGRATED PROSTHESES**
[54] **DISPOSITIF DE FIXATION PERMETTANT UNE ROTATION NATURELLE DU POIGNET POUR PROTHESES OSSEOINTEGREES**
[72] ORTIZ CATALAN, MAX JAIR, SE
[72] MILLENAAR, JASON, SE
[71] INTEGRUM AB, SE
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[25] EN
[54] **APPARATUS AND METHOD FOR PROTECTING AND UNPROTECTING A FLUID PATH IN A CONTROLLED ENVIRONMENT ENCLOSURE**
[54] **PROCEDE DE PROTECTION ET DE DEPROTECTION DU CIRCUIT DE FLUIDE DANS UNE ENCEINTE A ENVIRONNEMENT CONTROLE**
[72] PROCYSHYN, CHRIS, CA
[72] CICHY, MARCIN, CA
[71] VANRX PHARMASYSTEMS INC., CA
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[54] **WIRING DEVICE COMPATIBLE WITH USER-INTERCHANGEABLE MODULES**
[54] **DISPOSITIF DE CABLAGE COMPATIBLE AVEC DES MODULES INTERCHANGEABLES PAR L'UTILISATEUR**
[72] RANDALL, WILLIAM, US
[72] JANSEN, RONALD, US
[72] FRID, EUGENE, US
[72] FREEMAN, SCOTT, US
[71] LEVITON MANUFACTURING CO., INC., US
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[54] **APPARATUS AND PROCESS FOR SEPARATING THROUGH FOAM**
[54] **APPAREIL ET PROCEDE DE SEPARATION PAR MOUSSAGE**
[72] BOZZATO, PAOLO, US
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[54] **SYNTHETIC IMPLANT DEVICE REPLICATING NATURAL TISSUE STRUCTURE AND METHODS OF MAKING SAME**
[54] **DISPOSITIF D'IMPLANT SYNTHETIQUE REPRODUISANT LA STRUCTURE D'UN TISSU NATUREL ET PROCEDES POUR LES PRODUIRE**
[72] MCCULLEN, SETH DYLAN, US
[72] CULBREATH, CLAYTON JOSEPH, US
[72] VAUGHN, MICHAEL AARON, US
[72] TAYLOR, MICHAEL SCOTT, US
[71] POLY-MED, INC., US
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[54] **POLYACRYLATE OIL GEL COMPOSITION**
[54] **COMPOSITION DE GEL D'HUILE DE POLYACRYLATE**
[72] CHEN, LIANG, US
[72] CHEN, YUNSHEN, US
[72] LIU, XIANG QIAN, US
[72] PETR, MICHAEL T., US
[72] THOMAS, JODI A., US
[72] ZENG, FANWEN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[54] **METHODS FOR FUNCTIONAL BRAIN CIRCUIT ANALYSIS**
[54] **PROCEDES POUR ANALYSE FONCTIONNELLE DE CIRCUIT CEREBRAL**
[72] LEE, JIN HYUNG, US
[72] LEE, HYUN JOO, US
[72] WEITZ, ANDREW J., US
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[25] EN
[54] **SYSTEMS AND METHODS OF UTILIZING MULTIPLE FORECAST MODELS IN FORECASTING CUSTOMER DEMANDS FOR PRODUCTS AT RETAIL FACILITIES**
[54] **SYSTEMES ET PROCEDES D'UTILISATION DE MULTIPLES MODELES DE PREVISION POUR PREVOIR DES DEMANDES DE CLIENTS EN PRODUITS DANS DES ETABLISSEMENTS DE VENTE AU DETAIL**
[72] LI, MING, US
[72] TRIPATHI, RAHUL, US
[72] DEY, ANINDYA S., IN
[72] MITRA, MAINAK, IN
[72] BARNWAL, MANISH K., IN
[72] POP, MARIANA, US
[72] SRIVASATAVA, NIKESH K., IN
[72] STEEL, STEPHEN, US
[72] BHARADWAJ, YASHAS, US
[72] RYAN, AARON, US
[72] SCHAEFER, PAUL, US
[72] RAMIREDDY, LAKSHMI BHASWANTH, US
[71] WALMART APOLLO, LLC, US
[85] 2018-06-08
[86] 2016-12-07 (PCT/US2016/065317)
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[30] US (62/265,369) 2015-12-09
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[54] **MICROFLUIDIC DELIVERY CARTRIDGES AND METHODS OF CONNECTING CARTRIDGES WITH MICROFLUIDIC DELIVERY SYSTEMS**
[54] **CARTOUCHES DE DISTRIBUTION MICROFLUIDIQUES ET PROCEDES DE RACCORDEMENT DE CARTOUCHES A DES SYSTEMES DE DISTRIBUTION MICROFLUIDIQUES**
[72] GRUENBACHER, DANA PAUL, US
[72] DODD, SIMON, US
[72] HUNT, DAVID S., US
[72] SCHEFFELIN, JOSEPH EDWARD, US
[72] SHERMAN, FAIZ FEISAL, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. C10M 169/04 (2006.01) C10M 105/32 (2006.01) C10M 173/00 (2006.01)**
[25] EN
[54] **ABRASION-MASKING COMPOSITION FOR USE WITH REUSABLE CONTAINERS AND THE METHOD OF USING THE SAME**
[54] **COMPOSITION DE MASQUAGE D'ABRASION DESTINEE A ETRE UTILISEE AVEC DES RECIPIENTS REUTILISABLES ET SON PROCEDE D'UTILISATION**
[72] ARRIAGA, FABIOLA MORALES, MX
[71] ECOLAB USA INC., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065858)
[87] (WO2017/100595)
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[54] **INTELLIGENT AUTOMATED LOAD CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE CHARGE AUTOMATIQUE INTELLIGENTE**
[72] SCHWIND, BRIAN E., US
[72] PURVIS, DANIEL, US
[72] LIN, ALBERT, US
[71] MECHANICAL TESTING SERVICES, LLC, US
[71] SCHWIND, BRIAN E., US
[71] PURVIS, DANIEL, US
[71] LIN, ALBERT, US
[85] 2018-06-08
[86] 2016-12-05 (PCT/US2016/064894)
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[30] US (62/265,721) 2015-12-10
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[25] EN
[54] **CONTROLLING DEMAND AND ENERGY THROUGH PHOTOVOLTAIC INVERTERS DELIVERING VARS**
[54] **CONTROLE DE LA DEMANDE ET DE L'ENERGIE PAR DES ONDULEURS PHOTOVOLTAIQUES DISTRIBUANT DES VAR**
[72] DIVAN, DEEPAKRAJ, US
[72] MOGHE, ROHIT, US
[71] VARENTEC, INC., US
[85] 2018-06-08
[86] 2016-12-05 (PCT/US2016/065009)
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[30] US (14/964,524) 2015-12-09

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[51] **Int.Cl. F16L 21/06 (2006.01) F16L 21/02 (2006.01) F16L 21/08 (2006.01)**
[25] EN
[54] **AXIAL-RESTRAINT PIPE COUPLING WITH INDIVIDUAL GRIP ELEMENTS**
[54] **ACCOUPLEMENT DE TUYAU A MAINTIEN AXIAL AVEC ELEMENTS DE SAISIE INDIVIDUELS**
[72] CHIPROOT, AVI, IL
[71] ELIEZER KRAUSZ INDUSTRIAL DEVELOPMENT LTD., IL
[85] 2018-06-08
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[30] US (14/964,634) 2015-12-10

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[54] **DYNAMIC SECURITY CODE AUTHORIZATION VERIFICATION SERVICE**
[54] **SERVICE DE VERIFICATION D'AUTORISATION DE CODE DE SECURITE DYNAMIQUE**
[72] WARNER, MARIBETH SEVIGNY, US
[72] KAULBACH, PETE, CA
[72] DUNNELL, ROBERT C., US
[72] MCDONALD, ROBERT J., US
[72] DONNELLY, KATHLEEN, US
[72] ROEWE, THOMAS, US
[72] JABR, GHASSAN T., US
[72] HOCHHALTER, MICHAEL, US
[72] BALL, RUSSELL W., US
[72] HOUSE, WINIFRED ELIZABETH, US
[72] RAO, PRASAD KRISHNAMOORTHY, US
[72] HANMER, MATTHEW, GB
[72] KRYZA, NORA, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-06-08
[86] 2016-12-06 (PCT/US2016/065045)
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[30] US (62/265,020) 2015-12-09
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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 49/00 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **PREDICTING AND MODELING CHANGES IN CAPILLARY PRESSURE AND RELATIVE PERMEABILITIES IN A POROUS MEDIUM DUE TO MINERAL PRECIPITATION AND DISSOLUTION**
[54] **PREVISION ET MODELISATION DES CHANGEMENTS DE PRESSION CAPILLAIRE ET DES PERMEABILITES RELATIVES DANS UN MILIEU POREUX PAR PRECIPITATION ET DISSOLUTION MINERALE**
[72] ZHANG, SHUO, US
[72] LIU, HUI-HAI, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065818)
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[30] US (14/964,734) 2015-12-10

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[51] **Int.Cl. C09D 163/00 (2006.01) C07C 241/04 (2006.01) C07C 243/40 (2006.01) C07C 281/02 (2006.01) C07C 319/02 (2006.01) C07C 323/60 (2006.01) C08G 59/40 (2006.01) C08G 59/44 (2006.01)**
[25] EN
[54] **AMINIMIDE COMPOSITIONS**
[54] **COMPOSITIONS AMINIMIDES**
[72] CHAO, TIEN-CHIEH, US
[72] NAKAJIMA, MASAYUKI, US
[72] ZHOU, HONGYING, US
[72] SWARUP, SHANTI, US
[72] DESAI, UMESH C., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065866)
[87] (WO2017/100602)
[30] US (14/964,748) 2015-12-10
[30] US (14/964,795) 2015-12-10

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[51] **Int.Cl. A61K 31/48 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **USE OF AGONISTS OF TYPE-2 DOPAMINERGIC RECEPTORS IN TREATMENT OF CONDITIONS CAUSED BY ELEVATED VASCULAR ENDOTHELIAL GROWTH FACTOR LEVELS**
[54] **UTILISATION D'AGONISTES DES RECEPTEURS DOPAMINERGIQUES DE TYPE 2 DANS LE TRAITEMENT DE PATHOLOGIES LIEES A DES TAUX ELEVES DU FACTEUR DE CROISSANCE ENDOTHELIAL VASCULAIRE**
[72] OSEKA, MACIEJ, PL
[71] OFTA SP. Z O. O., PL
[85] 2018-06-08
[86] 2016-12-09 (PCT/IB2016/057483)
[87] (WO2017/098461)
[30] PL (PL415170) 2015-12-09

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[51] **Int.Cl. A61K 31/4188 (2006.01) A61K 31/407 (2006.01) C07D 209/00 (2006.01) C07D 235/00 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
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[54] **AZA-BENZIMIDAZOLE INHIBITORS OF PAD4**
[54] **INHIBITEURS AZA-BENZIMIDAZOLES DE PAD4**
[72] DEVRAJ, RAJESH, US
[72] KUMARAVEL, GNANASAMBANDAM, US
[72] GLEAVE, LAURA, GB
[72] KOTEY, ADRIAN, GB
[72] KRULLE, THOMAS, GB
[72] LECCI, CRISTINA, GB
[72] TYE, HEATHER, GB
[72] WIGGINTON, IAN, GB
[71] PADLOCK THERAPEUTICS, INC., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065865)
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[30] US (62/264,919) 2015-12-09

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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/133 (2006.01) A61K 31/7088 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DELIVERY OF AGENTS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ADMINISTRER DES AGENTS**
[72] BESIN, GILLES, US
[72] HOGE, STEPHEN, US
[72] SENN, JOSEPH, US
[72] BENENATO, KERRY, US
[72] SABNIS, STACI, US
[71] MODERNATX, INC., US
[85] 2018-06-08
[86] 2016-12-10 (PCT/US2016/000129)
[87] (WO2017/099823)
[30] US (62/265,973) 2015-12-10
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[30] US (62/311,388) 2016-03-21
[30] US (62/311,386) 2016-03-21
[30] US (62/311,380) 2016-03-21
[30] US (62/350,172) 2016-06-14
[30] US (62/350,165) 2016-06-14
[30] US (62/413,027) 2016-10-26
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[51] **Int.Cl. F21K 9/00 (2016.01) A61B 34/20 (2016.01) A61B 90/00 (2016.01) F21V 5/00 (2018.01)**
[25] EN
[54] **TRACKING DEVICES FOR USE IN NAVIGATION SYSTEMS AND METHODS FOR MANUFACTURING THE SAME**
[54] **DISPOSITIFS DE SUIVI POUR UTILISATION DANS DES SYSTEMES DE NAVIGATION ET PROCEDES POUR LEUR FABRICATION**
[72] WOODS, PHILIP ROBERT, US
[72] PHILIPP, CHRISTOPHER DONALD, US
[71] STRYKER CORPORATION, US
[85] 2018-06-08
[86] 2016-12-06 (PCT/US2016/065125)
[87] (WO2017/100180)
[30] US (62/265,585) 2015-12-10

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **SMOKING ARTICLE**
[54] **ARTICLE A FUMER**
[72] ADEME, BALAGER, US
[71] R. J. REYNOLDS TOBACCO COMPANY, US
[85] 2018-06-08
[86] 2016-12-09 (PCT/IB2016/057489)
[87] (WO2017/098464)
[30] US (14/964,906) 2015-12-10

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[51] **Int.Cl. B43K 24/08 (2006.01) B43K 7/12 (2006.01) B43K 29/02 (2006.01)**
[25] EN
[54] **KNOCK TYPE WRITING INSTRUMENT**
[54] **OUTIL D'ECRITURE A PERCUSSION**
[72] NAMIKI, YOSHIHARU, JP
[72] FURUKAWA, KAZUHIKO, JP
[72] NAKAMURA, YUSUKE, JP
[72] TAKANASHI, KAZUHIKO, JP
[72] NAKASHIMA, ATSUSHI, JP
[72] MANTA, YOSHIHIRO, JP
[71] MITSUBISHI PENCIL COMPANY, LIMITED, JP
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[51] **Int.Cl. B67D 7/80 (2010.01) B67D 1/00 (2006.01) B67D 1/02 (2006.01) B67D 1/04 (2006.01) B67D 1/12 (2006.01) B67D 1/14 (2006.01) C12C 13/10 (2006.01)**
[25] EN
[54] **BEER DISPENSER WITH ULTRASONIC FOAMING MECHANISM**
[54] **DISTRIBUTEUR DE BIERE AVEC MECANISME DE MOUSSAGE ULTRASONORE**
[72] MCDONALD, DAVID ARLEN, US
[72] PETRACCA, PHILIP, US
[71] FIZZICS GROUP LLC, US
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[86] 2016-05-04 (PCT/US2016/030706)
[87] (WO2017/105541)
[30] US (62/266,899) 2015-12-14

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[51] **Int.Cl. B05C 19/04 (2006.01) C03B 18/12 (2006.01) C03C 14/00 (2006.01) C23C 16/30 (2006.01) C23C 16/40 (2006.01) C23C 16/453 (2006.01) C23C 24/04 (2006.01)**
[25] EN
[54] **COATING SYSTEM AND ARTICLES MADE THEREBY**
[54] **SYSTEME D'ENDUCTION ET ARTICLES AINSI PRODUITS**
[72] MCCAMY, JAMES W., US
[72] HUNG, CHENG-HUNG, US
[72] ARBAB, MEHRAN, US
[72] BHANDARI, ABHINAV, US
[71] VITRO, S.A.B. DE C.V., MX
[85] 2018-06-08
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[30] US (62/266,239) 2015-12-11
[30] US (14/967,953) 2015-12-14
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[51] **Int.Cl. A23D 9/007 (2006.01) A23D 7/005 (2006.01) A23D 7/02 (2006.01)**
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[54] **EDIBLE AND THERMOREVERSIBLE OLEOGEL AND METHOD FOR PREPARATION THEREOF**
[54] **OLEOGEL COMESTIBLE ET THERMOREVERSIBLE ET PROCEDE D'ELABORATION DE CELUI-CI**
[72] PEREZ GALLARDO, ALFONSO, MX
[72] GRANADOS CORZO, BLANCA ALEJANDRA, MX
[72] DE HAENE ROSIQUE, GREGORIO JOSE, MX
[71] SIGMA ALIMENTOS, S.A. DE C.V., MX
[85] 2018-06-08
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[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR MINIMIZING WELD DISTORTION USING PNEUMATIC VIBRATION**
[54] **SYSTEME, PROCEDE, ET APPAREIL POUR MINIMISER LA DISTORSION DE SOUDURE A L'AIDE DE VIBRATIONS PNEUMATIQUES**
[72] KLAUBA, BRUCE, US
[71] ADVANCED VSR TECHNOLOGY LLC, US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065895)
[87] (WO2017/100622)
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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/12 (2012.01) G01V 1/40 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **COMMUNICATION USING DISTRIBUTED ACOUSTIC SENSING SYSTEMS**
[54] **COMMUNICATION UTILISANT DES SYSTEMES DE DETECTION ACOUSTIQUE REPARTIE**
[72] LEE, ERIK N., US
[72] HOWARD, JESSE J., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-06-08
[86] 2016-11-18 (PCT/US2016/062778)
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[30] US (62/267,029) 2015-12-14

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/86 (2006.01) C01B 17/04 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **ACID GAS ENRICHMENT METHOD AND SYSTEM**
[54] **PROCEDE ET INSTALLATION D'ENRICHISSEMENT EN GAZ ACIDE**
[72] INGRAM, THOMAS, DE
[72] VORBERG, GERALD, DE
[72] SIEDER, GEORG, DE
[71] BASF SE, DE
[85] 2018-06-08
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[30] EP (15198708.8) 2015-12-09

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[51] **Int.Cl. G06Q 50/22 (2018.01) G08B 21/24 (2006.01) A61B 5/01 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR MONITORING HEALTHCARE GARMENTS**
[54] **PROCEDE ET SYSTEME PERMETTANT DE SURVEILLER DES VETEMENTS DE SOINS DE SANTE**
[72] PERSSON, TOMAS, SE
[71] HEALTHTEXTILES I SVERIGE AB, SE
[85] 2018-06-08
[86] 2016-12-08 (PCT/SE2016/051230)
[87] (WO2017/099658)
[30] SE (1551631-3) 2015-12-11

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[51] **Int.Cl. G06T 15/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING COMPUTERIZED MODELS OF STRUCTURES USING GEOMETRY EXTRACTION AND RECONSTRUCTION TECHNIQUES**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE MODELES INFORMATISES DE STRUCTURES A L'AIDE DE TECHNIQUES DE RECONSTRUCTION ET D'EXTRACTION DE GEOMETRIE**
[72] LEWIS, JEFFERY D., US
[72] TAYLOR, JEFFREY C., US
[71] GEOMNI, INC., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065947)
[87] (WO2017/100658)
[30] US (62/265,359) 2015-12-09

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[25] EN
[54] **PREVENTION AND TREATMENT OF INFLAMMATORY CONDITIONS**
[54] **PREVENTION ET TRAITEMENT DE PATHOLOGIES INFLAMMATOIRES**
[72] CHATURVEDI, VIPIN KUMAR, US
[71] GRI BIO, INC., US
[85] 2018-06-08
[86] 2015-12-04 (PCT/US2015/063930)
[87] (WO2016/094226)
[30] US (62/089,690) 2014-12-09

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[51] **Int.Cl. C07D 211/76 (2006.01) A61K 31/45 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **PIPERIDINONE FORMYL PEPTIDE 2 RECEPTOR AND FORMYL PEPTIDE 1 RECEPTOR AGONISTS**
[54] **AGONISTES DU RECEPTEUR 2 DU PEPTIDE FORMYLE ET AGONISTES DU RECEPTEUR 1 DU PEPTIDE FORMYLE A BASE DE PIPERIDINONE**
[72] WURTZ, NICHOLAS R., US
[72] SHIRUDE, PRAVIN SUDHAKER, IN
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2018-06-08
[86] 2016-12-08 (PCT/US2016/065504)
[87] (WO2017/100390)
[30] US (62/265,885) 2015-12-10

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[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING MANUFACTURING**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE FABRICATION**
[72] OOSTENDORP, NATHAN, US
[72] DEMAAGD, KURTIS ALAN, US
[72] SMITH, RYAN, US
[71] SIGHT MACHINE, INC., US
[85] 2018-06-08
[86] 2016-12-08 (PCT/US2016/000127)
[87] (WO2017/127042)
[30] US (62/264,718) 2015-12-08

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HEXAHYDROPYRAZINOTRIAZINONE DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVES D'HEXAHYDRO-PYRAZINO-TRIAZINONE COMME INHIBITEURS DE KINASE**
[72] HORSLEY, HELEN TRACEY, GB
[72] MEARS, RICHARD JOHN, GB
[72] NEUSS, JUDI CHARLOTTE, GB
[72] REUBERSON, JAMES THOMAS, GB
[71] UCB BIOPHARMA SPRL, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2018-06-08
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[30] GB (1521767.2) 2015-12-10

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[51] **Int.Cl. A61K 47/60 (2017.01) A61P 19/08 (2006.01)**
[25] EN
[54] **CNP PRODRUGS WITH LARGE CARRIER MOIETIES**
[54] **PROMEDICAMENTS DU CNP POSSEDANT DE GRANDS FRAGMENTS A ROLE DE TRANSPORTEUR**
[72] RAU, HARALD, DE
[72] HERSEL, ULRICH, DE
[72] CLEEMANN, FELIX, DE
[72] RASMUSSEN, CAROLINE ELISABETH, DK
[71] ASCENDIS PHARMA GROWTH DISORDERS A/S, DK
[85] 2018-06-08
[86] 2017-01-05 (PCT/EP2017/050201)
[87] (WO2017/118693)
[30] EP (16150624.1) 2016-01-08
[30] EP (16179286.6) 2016-07-13
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[51] **Int.Cl. A61B 5/053 (2006.01)**
[25] EN
[54] **PROCESS AND MEASURING SYSTEM FOR DATA ACQUISITION AND PROCESSING IN SOFT-TOMOGRAPHY STUDIES**
[54] **PROCEDE ET SYSTEME DE MESURE POUR L'ACQUISITION ET LE TRAITEMENT DE DONNEES DANS DES ETUDES DE TOMOGRAPHIE A CHAMPS DOUX**
[72] BORBAS, KAROLY, HU
[72] KISS, TIBOR, HU
[72] KLINCSIK, MIHALY, HU
[72] KVASZNICZA, ZOLTAN, HU
[72] MATHE, KALMAN, HU
[72] VER, CSABA, HU
[72] VIZVARI, ZOLTAN, HU
[72] ODRY, PETER, HU
[71] PECSI TUDOMANYEGYETEM, HU
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[87] (WO2017/125770)
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/04 (2006.01)**
[25] EN
[54] **CLOSELY SPACED ARRAY OF PENETRATING ELECTRODES**
[54] **RESEAU ETROITEMENT ESPACE D'ELECTRODES PENETRANTES**
[72] KARPMAN, MAURICE S., US
[72] MEULLER, ANDREW, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2018-06-08
[86] 2016-11-21 (PCT/US2016/063102)
[87] (WO2017/099986)
[30] US (62/265,697) 2015-12-10

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[51] **Int.Cl. A61K 47/60 (2017.01) A61P 19/08 (2006.01)**
[25] EN
[54] **CNP PRODRUGS WITH CARRIER ATTACHMENT AT THE RING MOIETY**
[54] **PROMEDICAMENTS DE CNP AVEC FIXATION D'UN SUPPORT SUR LA PARTIE CYCLIQUE**
[72] RAU, HARALD, DE
[72] HERSEL, ULRICH, DE
[72] CLEEMANN, FELIX, DE
[72] RASMUSSEN, CAROLINE ELISABETH, DK
[71] ASCENDIS PHARMA GROWTH DISORDERS A/S, DK
[85] 2018-06-08
[86] 2017-01-05 (PCT/EP2017/050209)
[87] (WO2017/118698)
[30] EP (16150625.8) 2016-01-08
[30] EP (16179288.2) 2016-07-13
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[25] EN
[54] **IMMUNE CELL COMPOSITIONS AND METHODS OF USING SAME**
[54] **COMPOSITIONS A BASE DE CELLULES IMMUNITAIRES ET LEURS METHODES D'UTILISATION**
[72] ADUSUMILLI, PRASAD S., US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2018-06-08
[86] 2016-12-08 (PCT/US2016/065578)
[87] (WO2017/100428)
[30] US (62/265,411) 2015-12-09
[30] US (62/265,246) 2015-12-09

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[51] **Int.Cl. C01G 23/04 (2006.01) B01J 13/00 (2006.01) B01J 37/03 (2006.01) B01J 37/04 (2006.01) C01G 23/047 (2006.01) C01G 23/053 (2006.01)**
[25] EN
[54] **CONCENTRATED PHOTOACTIVE, NEUTRAL TITANIUM DIOXIDE SOL**
[54] **SOL DE DIOXYDE DE TITANE NEUTRE, CONCENTRE PHOTOACTIF**
[72] KERROD, JULIE, GB
[72] WAGSTAFF, ANTHONY, GB
[71] CRISTAL USA INC., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/IB2016/057507)
[87] (WO2017/098473)
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[25] EN
[54] **CONTROLLED-RELEASE CNP AGONISTS WITH LOW INITIAL NPR-B ACTIVITY**
[54] **AGONISTES DE CNP A LIBERATION CONTROLEE AVEC FAIBLE ACTIVITE NPR-B INITIALE**
[72] SPROGOE, KENNETT, DK
[72] RAU, HARALD, DE
[72] CLEEMANN, FELIX, DE
[72] HERSEL, ULRICH, DE
[72] RASMUSSEN, CAROLINE ELISABETH, DK
[71] ASCENDIS PHARMA GROWTH DISORDERS A/S, DK
[85] 2018-06-08
[86] 2017-01-05 (PCT/EP2017/050217)
[87] (WO2017/118703)
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[25] EN
[54] **STEEL SHEET FOR CANS AND PRODUCTION METHOD FOR STEEL SHEET FOR CANS**
[54] **TOLE D'ACIER POUR CANETTES ET PROCEDE DE FABRICATION D'UNE TOLE D'ACIER POUR CANETTES**
[72] NAKAGAWA, YUSUKE, JP
[72] SUZUKI, TAKESHI, JP
[72] SUTO, MIKITO, JP
[72] KOJIMA, KATSUMI, JP
[72] BABA, YUYA, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-06-08
[86] 2016-12-01 (PCT/JP2016/085774)
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[25] EN
[54] **POLYNUCLEOTIDE CONSTRUCTS HAVING AN AUXILIARY MOIETY NON-BIOREVERSIBLY LINKED TO AN INTERNUCLEOSIDE PHOSPHATE OR PHOSPHOROTHIOATE**
[54] **CONSTRUCTIONS POLYNUCLEOTIDIQUES COMPORTANT UNE FRACTION AUXILIAIRE LIEE DE FACON NON BIOREVERSIBLE A UN PHOSPHATE INTERNUCLEOSIDIQUE OU A UN PHOSPHOROTHIOATE**
[72] BRADSHAW, CURT W., US
[72] SAKAMURI, SUKUMAR, US
[72] MEADE, BRYAN R., US
[72] ELTEPU, LAXMAN, US
[72] IACONO, GIUSEPPE DELLO, US
[72] LAM, SON, US
[72] STOCK, JOSEPH, US
[72] LIU, DINGGUO, US
[72] LIU, BIN, US
[71] SOLSTICE BIOLOGICS, LTD., IE
[85] 2018-06-08
[86] 2016-12-08 (PCT/US2016/065639)
[87] (WO2017/100461)
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[51] **Int.Cl. B02C 23/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REMOVING MAGNETIC MATERIAL FROM GRINDING CIRCUITS**
[54] **APPAREIL ET PROCEDE POUR RETIRER UN MATERIAU MAGNETIQUE**
[72] FULLAM, MICHAEL, CA
[71] FLSMIDTH A/S, DK
[85] 2018-06-08
[86] 2016-12-19 (PCT/IB2016/057789)
[87] (WO2017/109676)
[30] US (62/270,103) 2015-12-21

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[51] **Int.Cl. B23D 57/02 (2006.01) B27B 33/14 (2006.01) B28D 1/08 (2006.01)**
[25] EN
[54] **ABRASIVE SAW CHAIN**
[54] **CHAINE DE SCIE ABRASIVE**
[72] GERLACH, TODD, US
[71] BLOUNT, INC., US
[85] 2018-06-08
[86] 2016-12-08 (PCT/US2016/065667)
[87] (WO2017/100478)
[30] US (62/264,783) 2015-12-08

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[25] EN
[54] **CONTROLLED-RELEASE CNP AGONISTS WITH LOW NPR-C BINDING**
[54] **AGONISTES DE CNP A LIBERATION CONTROLEE PRESENTANT UNE FAIBLE LIAISON A NPR-C**
[72] RAU, HARALD, DE
[72] HERSEL, ULRICH, DE
[72] SPROGOE, KENNETT, DK
[72] FALTINGER, FRANK, DE
[72] WEGGE, THOMAS, DE
[72] CLEEMANN, FELIX, DE
[71] ASCENDIS PHARMA GROWTH DISORDERS A/S, DK
[85] 2018-06-08
[86] 2017-01-05 (PCT/EP2017/050220)
[87] (WO2017/118704)
[30] EP (16150633.2) 2016-01-08
[30] EP (16179292.4) 2016-07-13
[30] EP (16191480.9) 2016-09-29

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[51] **Int.Cl. C07D 235/08 (2006.01) C07D 235/18 (2006.01)**
[25] EN
[54] **SUBSTITUTED BENZIMIDAZOLIUM, PYRIDO-IMIDAZOLIUM, OR PYRAZINO-IMIDAZOLIUM COMPOUNDS AS CHEMOTHERAPEUTICS**
[54] **COMPOSES DE BENZIMIDAZOLIUM, PYRIDO-IMIDAZOLIUM OU PYRAZINO-IMIDAZOLIUM SUBSTITUES UTILISES COMME AGENTS CHIMIOTHERAPEUTIQUES**
[72] DE BRANANDER, JEF, US
[72] PARADA, LUIS F., US
[72] LIM, S. KYUN, US
[72] LIANG, QIREN, US
[72] WANG, HUA-YU, US
[72] SHI, YUFENG, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065751)
[87] (WO2017/100525)
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[25] EN
[54] **STEEL SHEET FOR CANS AND PRODUCTION METHOD FOR STEEL SHEET FOR CANS**
[54] **TOLE D'ACIER POUR CANETTES ET PROCEDE DE FABRICATION DE TOLE D'ACIER POUR CANETTES**
[72] NAKAGAWA, YUSUKE, JP
[72] SUZUKI, TAKESHI, JP
[72] SUTO, MIKITO, JP
[72] KOJIMA, KATSUMI, JP
[72] BABA, YUYA, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-06-08
[86] 2016-12-01 (PCT/JP2016/085796)
[87] (WO2017/098994)
[30] JP (2015-241871) 2015-12-11

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[51] **Int.Cl. C07D 495/16 (2006.01) A61K 31/519 (2006.01) A61P 19/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **POLYCYCLIC COMPOUNDS AS INHIBITORS OF BRUTON'S TYROSINE KINASE**
[54] **COMPOSES POLYCYCLIQUES A UTILISER EN TANT QU'INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] ARORA, NIDHI, US
[72] BACANI, GENESIS M., US
[72] BARBAY, JOSEPH KENT, US
[72] BEMBENEK, SCOTT D., US
[72] CAI, MIN, CN
[72] CHEN, WEI, CN
[72] DECKHUT, CHARLOTTE POOLEY, US
[72] EDWARDS, JAMES P., US
[72] GHOSH, BRAHMANANDA, US
[72] KREUTTER, KEVIN D., US
[72] LI, GANG, CN
[72] TICHENOR, MARK S., US
[72] VENABLE, JENNIFER D., US
[72] WEI, JIANMEI, US
[72] WIENER, JOHN J. M., US
[72] WU, YAO, CN
[72] XIAO, KUN, CN
[72] ZHANG, FEIHUANG, CN
[72] ZHU, YAOPING, CN
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065954)
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[51] **Int.Cl. A61K 31/58 (2006.01) A01N 43/00 (2006.01) A61K 31/33 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SCAVENGING PLASMA FREE HEMOGLOBIN**
[54] **PROCEDE ET APPAREIL D'ELIMINATION D'HEMOGLOBINE EXEMPTE DE PLASMA**
[72] DASSE, KURT A., US
[72] PETIT, PRISCILLA C., US
[72] WEDEL, MARK K., US
[72] FINE, DAVID H., US
[71] VERO BIOTECH LLC, US
[85] 2018-06-08
[86] 2016-12-11 (PCT/US2016/066046)
[87] (WO2017/100730)
[30] US (62/265,923) 2015-12-10

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[51] **Int.Cl. C07D 495/16 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **INHIBITORS OF BRUTON'S TYROSINE KINASE AND METHODS OF THEIR USE**
[54] **INHIBITEURS DE TYROSINE KINASE DE BRUTON ET LEURS PROCEDES D'UTILISATION**
[72] ARORA, NIDHI, US
[72] BACANI, GENESIS M., US
[72] BARBAY, JOSEPH KENT, US
[72] BEMBENEK, SCOTT D., US
[72] CAI, MIN, CN
[72] CHEN, WEI, CN
[72] DECKHUT, CHARLOTTE POOLEY, US
[72] EDWARDS, JAMES P., US
[72] GHOSH, BRAHMANANDA, US
[72] HAO, BAOYU, CN
[72] KREUTTER, KEVIN D., US
[72] LI, GANG, CN
[72] TICHENOR, MARK S., US
[72] VENABLE, JENNIFER D., US
[72] WEI, JIANMEI, US
[72] WIENER, JOHN J. M., US
[72] WU, YAO, CN
[72] ZHU, YAOPING, CN
[72] ZHANG, FEIHUANG, CN
[72] ZHANG, ZHENG, CN
[72] XIAO, KUN, CN
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065964)
[87] (WO2017/100668)
[30] US (62/265,780) 2015-12-10

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[51] **Int.Cl. H04H 20/30 (2009.01) H04H 60/12 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATIC AUDIO ALIGNMENT IN A HYBRID RADIO SYSTEM**
[54] **PROCEDE ET APPAREIL POUR UN ALIGNEMENT AUDIO AUTOMATIQUE DANS UN SYSTEME RADIO HYBRIDE**
[72] OLOCHWOSZCZ, GABRIEL S., US
[72] PAHUJA, ASHWINI, US
[71] IBIQUITY DIGITAL CORPORATION, US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065754)
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[30] US (14/966,716) 2015-12-11

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[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/17 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **COMPOSITE IMPLANT TRIAL**
[54] **ESSAI D'IMPLANT COMPOSITE**
[72] CAMPBELL, CHRISTOPHER, US
[72] LOPEZ, ERASMO, US
[72] KWAK, SEUNGKYU DANIEL, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065760)
[87] (WO2017/100531)
[30] US (62/266,050) 2015-12-11

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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 31/337 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF HER2 POSITIVE METASTATIC BREAST CANCER**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU CANCER DU SEIN METASTATIQUE HER2-POSITIF**
[72] RABIZADEH, SHAHROOZ, US
[72] SOON-SHIONG, PATRICK, US
[72] KLINGEMANN, HANS, US
[71] NANT HOLDINGS IP, LLC, US
[71] NANTCELL, INC., US
[71] NANTKWEST, INC., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/066018)
[87] (WO2017/100709)
[30] US (62/265,382) 2015-12-09

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[51] **Int.Cl. C09B 23/00 (2006.01)**
[25] EN
[54] **CELL PENETRATING CYANINE-COUPLED ANTIBODIES**
[54] **ANTICORPS COUPLES A LA CYANINE A PENETRATION CELLULAIRE**
[72] HERRMANN, ANDREAS, US
[72] YU, HUA, US
[72] LAHTZ, CHRISTOPH, US
[71] CITY OF HOPE, US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/066025)
[87] (WO2017/100714)
[30] US (62/265,727) 2015-12-10

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[51] **Int.Cl. H05B 37/02 (2006.01) F21V 23/04 (2006.01) G08B 13/196 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **LOAD CONTROL SYSTEM HAVING A VISIBLE LIGHT SENSOR**
[54] **SYSTEME DE COMMANDE DE CHARGE AYANT UN CAPTEUR DE LUMIERE VISIBLE**
[72] STEINER, JAMES P., US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/066035)
[87] (WO2017/100723)
[30] US (62/266,370) 2015-12-11

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[51] **Int.Cl. E21B 4/02 (2006.01) F04B 15/02 (2006.01) F04B 47/02 (2006.01) F04C 2/08 (2006.01)**
[25] EN
[54] **HYDRAULIC TOOLS INCLUDING REMOVABLE COATINGS, DRILLING SYSTEMS, AND METHODS OF MAKING AND USING HYDRAULIC TOOLS**
[54] **OUTILS HYDRAULIQUES COMPRENANT DES REVETEMENTS AMOVIBLES, SYSTEMES DE FORAGE ET PROCEDES DE FABRICATION ET D'UTILISATION D'OUTILS HYDRAULIQUES**
[72] BLAKE, CHRISTOPHER W., DE
[72] VOSS, CARSTEN, DE
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065797)
[87] (WO2017/100552)
[30] US (14/965,158) 2015-12-10

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[51] **Int.Cl. A61M 15/00 (2006.01) A61K 33/00 (2006.01) A61M 16/10 (2006.01) A61M 16/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ADMINISTERING GASES INCLUDING NITRIC OXIDE TO ADDRESS FIBROSIS**
[54] **PROCEDE ET APPAREIL D'ADMINISTRATION DE GAZ COMPRENANT DE L'OXYDE NITRIQUE POUR TRAITER UNE FIBROSE**
[72] DASSE, KURT A., US
[72] PETIT, PRISCILLA C., US
[72] FINE, DAVID H., US
[72] WEDEL, MARK K., US
[71] VERO BIOTECH LLC, US
[85] 2018-06-08
[86] 2016-12-11 (PCT/US2016/066047)
[87] (WO2017/100731)
[30] US (62/266,466) 2015-12-11
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[25] EN
[54] **SELF-CLEANING PET GROOMING IMPLEMENT**
[54] **USTENSILE DE TOILETTAGE D'ANIMAL DE COMPAGNIE AUTO-NETTOYANT**
[72] MURRIHY, BRIAN, US
[72] MORRISSEY, ELIZABETH, US
[71] LUMO LLC, US
[85] 2018-06-08
[86] 2016-12-14 (PCT/US2016/066515)
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[30] US (14/972,095) 2015-12-17

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[51] **Int.Cl. G01N 33/574 (2006.01) A61K 31/337 (2006.01) A61K 31/65 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **INTEGRATED ANALYSIS TO DETERMINE PROGNOSIS AFTER TREATMENT FOR PRIMARY BREAST CANCER**
[54] **ANALYSE INTEGREE POUR DETERMINER UN PRONOSTIC SUITE A UN TRAITEMENT CONTRE LE CANCER DU SEIN PRIMITIF**
[72] BENZ, STEPHEN CHARLES, US
[72] HEMBROUGH, TODD, US
[72] RABIZADEH, SHAHROOZ, US
[72] SANBORN, JOHN ZACHARY, US
[72] VASKE, CHARLES JOSEPH, US
[72] SOON-SHIONG, PATRICK, US
[72] CECCHI, FABIOLA, US
[72] FASCHING, PETER, US
[71] NANTOMICS, LLC, US
[71] NANT HOLDINGS IP, LLC, US
[85] 2018-06-08
[86] 2016-12-11 (PCT/US2016/066048)
[87] (WO2017/100732)
[30] US (62/265,928) 2015-12-10

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[51] **Int.Cl. F41A 21/12 (2006.01) F41A 3/66 (2006.01) F41A 9/46 (2006.01) F41A 11/02 (2006.01) F41A 21/00 (2006.01) F41A 35/00 (2006.01) F41A 99/00 (2006.01)**
[25] EN
[54] **BOLT CARRIER BEARING TUBE FOR RIFLE RECEIVER**
[54] **TUBE DE SUPPORT DE PORTE-CULASSE POUR BOITE DE CULASSE DE FUSIL**
[72] VIVIANO, MATTEO, US
[71] SMITH & WESSON CORP., US
[85] 2018-06-08
[86] 2016-12-14 (PCT/US2016/066603)
[87] (WO2017/106308)
[30] US (14/969,343) 2015-12-15

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[51] **Int.Cl. E21B 41/00 (2006.01) B60S 13/00 (2006.01)**
[25] EN
[54] **VEHICLE SUPPORT STRUCTURE FOR A WORKSITE**
[54] **STRUCTURE DE SUPPORT DE VEHICULE POUR UN CHANTIER**
[72] CLARKE, DANIEL JOHN, CA
[72] HUNTER, DOUGLAS ANDREW, CA
[72] KUSLER, DANIEL HARVARD, CA
[71] PROSTAR MANUFACTURING INC., CA
[85] 2018-06-08
[86] 2016-12-07 (PCT/CA2016/051435)
[87] (WO2017/096476)
[30] US (62/266,271) 2015-12-11

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[13] A1
[51] **Int.Cl. A61M 1/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING VENOUS AIR RECOVERY IN A PORTABLE DIALYSIS SYSTEM**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE RETABLISSEMENT D'AIR VEINEUX DANS UN SYSTEME DE DIALYSE PORTABLE**
[72] ARRIZZA, JOHN, US
[72] PALMROOS, JOHN ERIK MICHAEL, US
[72] DE LA FUENTE, ERNESTO TRILLANES, JR., US
[72] PHAM, NHAN VIET, US
[72] FULKERSON, BARRY NEIL, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-06-08
[86] 2016-12-14 (PCT/US2016/066671)
[87] (WO2017/106356)
[30] US (14/972,464) 2015-12-17

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[51] **Int.Cl. C07D 205/08 (2006.01) A61K 31/397 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **BIARYL MONOBACTAM COMPOUNDS AND METHODS OF USE THEREOF FOR THE TREATMENT OF BACTERIAL INFECTIONS**
[54] **COMPOSES DE BIARYLMONOBACTAME ET PROCEDES D'UTILISATION CORRESPONDANTS POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] TANG, HAIFENG, US
[72] LIU, WEIGUO, US
[72] DING, FA-XIANG, US
[72] SUN, WANYING, US
[72] ZANG, YI, US
[72] PAN, WEIDONG, US
[72] OGAWA, ANTHONY, US
[72] BROCKUNIER, LINDA, US
[72] HUANG, XIANHAI, US
[72] WANG, HONGWU, US
[72] MAL, RUDRAJIT, US
[72] BIFTU, TESFAYE, US
[72] PARK, MIN, US
[72] GUO, YAN, US
[72] JIANG, JINLONG, US
[72] CHEN, HELEN, US
[72] PLUMMER, CHRISTOPHER W., US
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-06-08
[86] 2016-12-12 (PCT/US2016/066064)
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[30] US (62/267,855) 2015-12-15

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[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **TORQUE WRENCH**
[54] **CLE DYNAMOMETRIQUE**
[72] LITZENBERGER, MARK JOHN, CA
[72] CLARKE, DANIEL JOHN, CA
[72] KUSLER, DANIEL HARVARD, CA
[72] WRIGHT, ADAM, CA
[72] CLARKE, JASON PETER, CA
[71] PROSTAR MANUFACTURING INC., CA
[85] 2018-06-08
[86] 2016-12-12 (PCT/CA2016/051460)
[87] (WO2017/100913)
[30] US (62/269,658) 2015-12-18

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[51] **Int.Cl. H01B 1/02 (2006.01) B60M 1/00 (2006.01) H01B 5/10 (2006.01)**
[25] EN
[54] **MESSENGER WIRES FOR ELECTRIC TRAINS, METHODS FOR MAKING AND METHODS FOR INSTALLATION**
[54] **CABLES PORTEURS POUR TRAINS ELECTRIQUES, PROCEDES DE FABRICATION ET PROCEDES D'INSTALLATION**
[72] BOSZE, ERIC, US
[72] HERMANS, PETER, BE
[71] CTC GLOBAL CORPORATION, US
[71] LAMIFIL NV, BE
[85] 2018-06-08
[86] 2016-12-12 (PCT/US2016/066152)
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[30] US (62/266,360) 2015-12-11

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[25] EN
[54] **SYNCHRONOUS ELECTRICAL POWER DISTRIBUTION SYSTEM STARTUP AND CONTROL**
[54] **DEMARRAGE ET COMMANDE DE SYSTEME SYNCHRONE DE DISTRIBUTION D'ENERGIE ELECTRIQUE**
[72] BLACKWELDER, MARK, JON, US
[72] RANCURET, PAUL, M., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[85] 2018-06-08
[86] 2016-12-13 (PCT/US2016/066422)
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[30] US (62/267,143) 2015-12-14
[30] US (62/369,191) 2016-07-31
[30] US (62/369,184) 2016-07-31
[30] US (62/369,195) 2016-08-01
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR POLYMERASE II (POL-II) BASED GUIDE RNA EXPRESSION**
[54] **PROCEDES ET COMPOSITIONS POUR L'EXPRESSION D'ARN GUIDE BASEE SUR LA POLYMERASE II (POL-II)**
[72] BENDEZU, FELIPE OSEAS, US
[72] FAN, XIAOCHUN, US
[72] FRISCH, RYAN L., US
[72] HONG, SEUNG-PYO, CA
[71] DANISCO US INC., US
[85] 2018-06-08
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[30] US (62/269,122) 2015-12-18

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[25] EN
[54] **WOUND PACKAGE CONSTRUCT**
[54] **CONCEPTION D'ENROULEMENT**
[72] DOMINGUES, DAVID J., US
[72] NAGY, JASON, US
[71] GENERAL MILLS, INC., US
[85] 2018-06-08
[86] 2016-12-12 (PCT/US2016/066182)
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[30] US (62/265,683) 2015-12-10

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[51] **Int.Cl. G06K 9/62 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **PROACTIVE CREATION OF IMAGE-BASED PRODUCTS**
[54] **CREATION PROACTIVE DE PRODUITS BASES SUR DES IMAGES**
[72] EUGENE, CHEN, US
[72] PREETI, NATHAN, US
[72] TRYNNE, ANNE MILLER, US
[72] WANG, WILEY H., US
[72] LITVAK, SHAY, US
[72] SANTINI, MARCO, US
[72] DENEND, CHRIS M., US
[72] LEVIN, MARK, US
[72] IMESHEV, VYACHESLAV, US
[71] SHUTTERFLY, INC., US
[85] 2018-06-08
[86] 2016-12-15 (PCT/US2016/066885)
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[30] US (14/990,402) 2016-01-07
[30] US (15/375,682) 2016-12-12

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[25] EN
[54] **MODIFIED CAPSID PROTEINS FOR ENHANCED DELIVERY OF PARVOVIRUS VECTORS**
[54] **PROTEINES CAPSIDIQUES MODIFIEES POUR LA LIBERATION AMELIOREE DE VECTEURS PARVOVIRAUX**
[72] SAMULSKI, RICHARD JUDE, US
[72] WARISCHALK, JAYME, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2018-06-08
[86] 2016-12-14 (PCT/US2016/066466)
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[25] EN
[54] **HIGH-FLOW FLUID VALVE BLOCK**
[54] **BLOC DE SOUPAPE DE FLUIDE A HAUT DEBIT**
[72] HARBRECHT, BRIAN A., US
[72] MIERENDORF, ROBERT CHARLES, US
[72] MANKE, SCOTT G., US
[71] SEMBA BIOSCIENCES, INC., US
[85] 2018-06-08
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[25] EN
[54] **CONTROLLED-RELEASE CNP AGONISTS WITH INCREASED NEP STABILITY**
[54] **AGONISTES CNP A LIBERATION CONTROLEE PRESENTANT UNE MEILLEURE STABILITE A NEP**
[72] SPROGOE, KENNETT, DK
[72] RAU, HARALD, DE
[72] BERNHARD, ANA, DE
[72] HERSEL, ULRICH, DE
[72] CLEEMANN, FELIX, DE
[72] WEGGE, THOMAS, DE
[71] ASCENDIS PHARMA GROWTH DISORDERS A/S, DK
[85] 2018-06-08
[86] 2017-01-05 (PCT/EP2017/050213)
[87] (WO2017/118700)
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[51] **Int.Cl. A01G 7/06 (2006.01) A61K 31/122 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USING LIGHT ENERGY TO FACILITATE PENETRATION OF SUBSTANCES IN PLANTS**
[54] **SYSTEMES ET PROCEDES POUR UTILISER L'ENERGIE LUMINEUSE POUR FACILITER LA PENETRATION DE SUBSTANCES DANS DES PLANTES**
[72] DROUILLARD, GREGORY P., US
[71] PREMIER CITRUS APZ, LLC, US
[85] 2018-06-08
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[25] EN
[54] **CONTROLLED-RELEASE CNP AGONISTS WITH REDUCED SIDE-EFFECTS**
[54] **AGONISTES DE CNP A LIBERATION CONTROLEE PRESENTANT DES EFFETS SECONDAIRES REDUITS**
[72] SPROGOE, KENNETT, DK
[72] RAU, HARALD, DE
[72] CLEEMANN, FELIX, DE
[72] HERSEL, ULRICH, DE
[72] RASMUSSEN, CAROLINE ELISABETH, DK
[71] ASCENDIS PHARMA GROWTH DISORDERS A/S, DK
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[86] 2017-01-05 (PCT/EP2017/050224)
[87] (WO2017/118707)
[30] EP (16150635.7) 2016-01-08
[30] EP (16179293.2) 2016-07-13
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[51] **Int.Cl. C07D 235/18 (2006.01) A61K 31/41 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING AND/OR TREATING AGING-ASSOCIATED COGNITIVE IMPAIRMENT AND NEUROINFLAMMATION**
[54] **PROCEDE DE PREVENTION ET/OU DE TRAITEMENT DU TROUBLE COGNITIF LIE AU VIEILLISSEMENT ET DE LA NEUROINFLAMMATIOON**
[72] NGUYEN, KHOA DINH, US
[72] ENGLEMAN, EDGAR G., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/065972)
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[30] US (62/267,437) 2015-12-15

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[51] **Int.Cl. A61K 31/381 (2006.01) C07D 409/04 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **BENZOTHIOPHENE-BASED SELECTIVE ESTROGEN RECEPTOR DOWNREGULATORS**
[54] **REPRESSEURS DU RECEPTEUR OESTROGENIQUE SELECTIFS A BASE DE BENZOTHIOPHENE**
[72] THATCHER, GREGORY R., US
[72] XIONG, RUI, US
[72] ZHAO, JIONG, US
[72] TONETTI, DEBRA A., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2018-06-08
[86] 2016-12-09 (PCT/US2016/066023)
[87] (WO2017/100712)
[30] US (62/264,971) 2015-12-09
[30] US (62/322,878) 2016-04-15

[21] **3,008,024**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **SYSTEMS FOR TREATMENT OF A NEUROLOGICAL DISORDER USING ELECTRICAL NERVE CONDUCTION BLOCK**
[54] **SYSTEMES DE TRAITEMENT D'UN TROUBLE NEUROLOGIQUE AU MOYEN D'UN BLOC DE CONDUCTION NERVEUSE ELECTRIQUE**
[72] BHADRA, NILOY, US
[72] BHADRA, NARENDRA, US
[72] KILGORE, KEVIN L., US
[72] LEMPKA, SCOTT, US
[72] WAINRIGHT, JESSE, US
[72] VRABEC, TINA, US
[72] FRANKE, MANFRED, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2018-06-08
[86] 2016-12-15 (PCT/US2016/066960)
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[30] US (14/969,826) 2015-12-15

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[51] **Int.Cl. G06F 17/28 (2006.01) G06Q 10/06 (2012.01) G06F 3/0482 (2013.01) G06F 17/21 (2006.01) G06F 17/30 (2006.01) G06N 7/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING NATURAL LANGUAGE QUERIES OF CUSTOMERS**
[54] **PROCEDE ET APPAREIL DE GESTION D'INTERROGATIONS EN LANGAGE NATUREL DE CLIENTS**
[72] WALIA, ANMOL, US
[72] ZUVERINK, DAVID J., US
[71] 24/7 CUSTOMER, INC., US
[85] 2018-06-08
[86] 2016-12-15 (PCT/US2016/066978)
[87] (WO2017/106531)
[30] US (62/267,561) 2015-12-15
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# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

# Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[13] A1
[51] **Int.Cl. E21B 47/26 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **DRILLING DYNAMICS DATA RECORDER**
[54] **ENREGISTREUR DE DONNEES DYNAMIQUES DE FORAGE**
[72] SUGIURA, JUNICHI, US
[72] JONES, STEPHEN, US
[72] RITCHIE, SHELDON, US
[72] FEDDEMA, CHAD, US
[71] SUGIURA, JUNICHI, US
[71] JONES, STEPHEN, US
[71] RITCHIE, SHELDON, US
[71] FEDDEMA, CHAD, US
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[51] **Int.Cl. B29C 70/68 (2006.01) B62D 25/02 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **COMPOSITE CORE WITH REINFORCED PLASTIC STRIPS AND METHOD THEREOF**
[54] **AME COMPOSITE A BANDES DE PLASTIQUE RENFORCEES ET METHODE ASSOCIEE**
[72] BAKER, LEONARD W., US
[71] WABASH NATIONAL, L.P., US
[22] 2017-11-20
[41] 2018-05-21
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[21] **2,986,668**
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[51] **Int.Cl. B29C 70/38 (2006.01)**
[25] EN
[54] **A METHOD OF CHECKING HEADPATH DATA**
[54] **UNE METHODE DE VERIFICATION DE DONNEES DE TETE DE TRAJET**
[72] TINGLE, JAMES, GB
[71] COMPOSITE TECHNOLOGY AND APPLICATIONS LIMITED, GB
[22] 2017-11-24
[41] 2018-06-07
[30] GB (1620816.7) 2016-12-07

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[13] A1
[51] **Int.Cl. B29C 70/70 (2006.01) H05K 1/03 (2006.01)**
[25] EN
[54] **STORAGE-STABLE ONE-COMPONENT POLYURETHANE PREPREGS AND SHAPED BODIES COMPOSED OF POLYURETHANE COMPOSITION THAT HAVE BEEN PRODUCED THEREFROM**
[54] **CORPS FORMES ET PREIMPREGNES EN POLYURETHANE A MONOCOMPOSANTE STABLE A L'ENTREPOSAGE FAITS D'UNE COMPOSITION DE POLYURETHANE QUI ONT ETE AINSI PRODUITS**
[72] SPYROU, EMMANOUIL, DE
[72] LOESCH, HOLGER, DE
[72] DIESVELD, ANDREA, DE
[72] KREISCHER, SUSANNE, DE
[72] LANGKABEL, EIKE, DE
[72] ALDRIDGE, RALPH, DE
[72] GOLLAN, ELKE, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-11-29
[41] 2018-06-02
[30] EP (16201842.8) 2016-12-02

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[13] A1
[51] **Int.Cl. B09B 3/00 (2006.01) G05B 19/05 (2006.01)**
[25] EN
[54] **TELEMATICS SYSTEM**
[54] **SYSTEME DE TELEMATIQUE**
[72] WARMINGTON, MARK DAVID, GB
[72] PILE, TIMOTHY ROBIN, GB
[72] MANNING, ALAN EDWARD, GB
[71] WHALE TANKERS LIMITED, GB
[22] 2017-12-04
[41] 2018-06-08
[30] GB (GB1620903.3) 2016-12-08

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[13] A1
[51] **Int.Cl. B01D 33/23 (2006.01)**
[25] EN
[54] **DISK FILTER SEGMENT FOR A COLLECTOR**
[54] **SEGMENT DE FILTRE DE DISQUE DESTINE A UN COLLECTEUR**
[72] MALO, GILLES, CA
[71] A. MALO COMPAGNIE LIMITEE, CA
[22] 2017-12-04
[41] 2018-06-02
[30] US (62/429,441) 2016-12-02

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[13] A1
[51] **Int.Cl. B01D 53/54 (2006.01) B01D 53/58 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NITROGEN RECOVERY FROM A GAS STREAM**
[54] **SYSTEMES ET METHODES DE RECUPERATION D'AZOTE D'UN FLUX DE GAZ**
[72] GIRALDO, EUGENIO, US
[72] WINGLER, BARBARA, US
[71] NUORGANICS LLC, US
[22] 2017-12-06
[41] 2018-06-07
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[13] A1
[51] **Int.Cl. D21H 21/02 (2006.01) D21H 21/20 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING PAPER MACHINE FORMING WIRE, FELT AND WOVEN DRYER BELT PERFORMANCE BY THE APPLICATION OF PEROXIDE CONTAINING SOLUTIONS**
[54] **METHODE D'AMELIORATION DU RENDEMENT DU FIL DE FORMAGE, DU FEUTRE ET DE LA COURROIE DE SECHAGE TISSEE D'UNE MACHINE A PAPIER AU MOYEN DE L'APPLICATION DE SOLUTIONS RENFERMANT DU PEROXYDE**
[72] MAHLER, BRANDON E., US
[72] LASER, HAROLD, US
[71] DUBOIS CHEMICALS, INC., US
[22] 2017-12-05
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[51] **Int.Cl. B28B 7/00 (2006.01)**
[25] EN
[54] **MOLDING SYSTEM FOR SWIMMING POOL COPING**
[54] **SYSTEME DE MOULAGE DESTINE A REPARER LES ECAILLURES DE PISCINE**
[72] CROCKER, HOWARD, CA
[72] SNYDER, STEVE, US
[71] 2214099 ONTARIO LIMITED, CA
[22] 2017-12-08
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[30] US (62/431,572) 2016-12-08

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[13] A1
[51] **Int.Cl. B01D 27/02 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **AIR CLEANER ASSEMBLY AND COMPONENTS THEREFOR**
[54] **ENSEMBLE EPURATEUR D'AIR ET SES COMPOSANTES**
[72] NELSON, BENNY KEVIN, US
[71] DONALDSON COMPANY, INC., US
[22] 2009-07-21
[41] 2010-01-28
[62] 2,731,225
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[51] **Int.Cl. G01S 7/02 (2006.01) G01S 13/88 (2006.01) G01S 7/04 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR 3D SAMPLING WITH AVIAN RADAR**
[54] **DISPOSITIF ET METHODE D'ECHANTILLONNAGE 3D AU MOYEN D'UN RADAR AVIEN**
[72] NOHARA, TIMOTHY J., CA
[72] WEBER, PETER T., CA
[72] UKRAINEC, ANDREW M., CA
[72] PREMJI, AL-NASIR, CA
[72] JONES, GRAEME S., CA
[72] COSTA, NELSON, CA
[72] BEASON, ROBERT C., US
[71] ACCIPITER RADAR TECHNOLOGIES, INC., CA
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[62] 2,848,216
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[51] **Int.Cl. B05B 1/18 (2006.01)**
[25] EN
[54] **SHOWERHEAD WITH ENGINE RELEASE**
[54] **POMME DE DOUCHE A LIBERATION DE MOTEUR**
[72] QUINN, MICHAEL J., US
[72] CACKA, JOSEPH W., US
[72] LEBER, LELAND C., US
[71] WATER PIK, INC., US
[22] 2014-06-13
[41] 2014-12-18
[62] 2,914,944
[30] US (61/834,816) 2013-06-13

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[13] A1
[51] **Int.Cl. B65D 81/34 (2006.01)**
[25] EN
[54] **MICROWAVE PRESSURE COOKER**
[54] **COCOTTE-MINUTE A MICRO-ONDES**
[72] BACKAERT, DIMITRI M.C.J., BE
[72] EIKELENBERG, RALPH F.E., BE
[72] VANDAELE, INE M.K., BE
[72] NGUYEN, LEDU Q., US
[72] POSLINSKI, EDWARD M., US
[71] DART INDUSTRIES INC., US
[22] 2014-05-09
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[62] 2,851,194
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[54] **SURVEILLANCE DE LA SANTE ET DU BIEN-ETRE D'UN ANIMAL AU MOYEN D'UN RADAR UWB**
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[72] COUSE, JOHN MICHAEL, US
[71] I4C INNOVATIONS INC., US
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[54] **SYSTEME DE LUTTE CONTRE LES EMISSIONS**
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[72] JACKSON, KEVIN, US
[72] BALOGA, STEPHEN, US
[72] CHEN, BOBBY I. T., US
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[54] **ETHYNYLPHENYLAMIDINE OU L'UN DE SES SELS, SON PROCEDE DE PRODUCTION ET FONGICIDE POUR APPLICATIONS AGRICOLES ET HORTICOLES**
[72] MASUMOTO, SATORU, JP
[72] MUTSUTANI, HITOSHI, JP
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[71] OAT AGRIO CO., LTD., JP
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[54] **IN SITU HYDROCARBON RECOVERY FROM PAY ZONES BETWEEN LOW PERMEABILITY LAYERS IN A STRATIFIED RESERVOIR REGION**
[54] **RECUPERATION D'HYDROCARBURE SUR PLACE A PARTIR DE ZONES RICHES ENTRE DES COUCHES A FAIBLE PERMEABILITE DANS UNE REGION DE RESERVOIR STRATIFIE**
[72] ZHU, HONG, CA
[72] KING, ROBERT WAYNE, CA
[72] LASTIWKA, MARTIN, CA
[72] CHAN, RICHARD, CA
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[54] **BIOMARQUEURS DE CANCER DU POUMON ET LEURS UTILISATIONS**
[72] RIEL-MEHAN, MICHAEL, US
[72] STEWART, ALEX A.E., US
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[54] **SYSTEMS AND METHODS FOR ATTACHMENT OF VEHICLE ACCESSORIES**
[54] **SYSTEMES ET PROCEDES DE FIXATION D'ACCESSOIRES POUR VEHICULE**
[72] CHENEVERT, FRANCOIS, CA
[72] LABBE, CHRISTIAN, CA
[72] MERCIER, MATHIEU, CA
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[54] **PROCEDE DE NORMALISATION DE RELEVES DE DEFORMATION D'IMPLANT POUR EVALUER LA CICATRISATION OSSEUSE**
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[72] PIERSON, GLEN, US
[71] SYNTHES USA, LLC, US
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[72] BRIZGYS, GEDIMINAS, US
[72] CANALES, EDA, US
[72] GRAUPE, MICHAEL, US
[72] HU, YUNFENG ERIC, US
[72] LINK, JOHN O., US
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[54] **INHIBITEUR DE LA MELANOGENESE COMPRENANT DE L'ALCOOL D-PANTOTHENYLIQUE, ET PRODUIT COSMETIQUE DE BLANCHIMENT DE LA PEAU CONTENANT LEDIT INHIBITEUR**
[72] KONDO, CHIHIRO, JP
[72] SASSA, SHOKO, JP
[72] SAITOH, YUKO, JP
[72] MORI, YASUHITO, JP
[72] YOKOYAMA, KOUJI, JP
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[54] **DEPOT OPTIMISE DE CHROMOGENES UTILISANT DES ANALOGUES DE LA PYRIMIDINE**
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[72] MURILLO, ADRIAN E., US
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[72] JAETSCH, THOMAS, DE
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[54] **MARQUEURS DE DIAGNOSTIC PRENATAL DE TRISOMIE 18**
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[72] CHIU, ROSSA WAI KWUN, CN
[72] CHIM, STEPHEN SIU CHUNG, CN
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[54] **ENSEMBLE DE STORE ALVEOLAIRE ET PROCEDE DE CONSTRUCTION DE CELUI-CI**
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[72] CHESLOCK, SCOTT R., US
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[54] **METHOD AND APPARATUS FOR MANIPULATING THE SIDE WALL OF A BODY LUMEN OR BODY CAVITY SO AS TO PROVIDE INCREASED VISUALIZATION OF THE SAME AND/OR INCREASED ACCESS TO THE SAME, AND/ORFOR STABILIZING INSTRUMENTS RELATIVE TO THE SAME**
[54] **PROCEDE ET APPAREIL DE MANIPULATION DE LA PAROI LATERALE D'UNE LUMIERE CORPORELLE OU D'UNE CAVITE CORPORELLE EN VUE DE FOURNIR UNE MEILLEURE VISUALISATION DE CELLES-CI ET/OU UN MEILLEUR ACCES A CELLES-CI, ET/OU DE STABILISATION D'INSTRUMENTS PAR RAPPORT A CELLES-CI**
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[72] CORNHILL, JOHN FREDERICK, US
[72] NGUYEN, TUAN ANH, US
[72] SHARMA, SAMEER, US
[72] SATHE, RAHUL, US
[72] DENARDO, MATTHEW, US
[72] DILLON, CHRISTOPHER, US
[72] GREELEY, GABRIEL, US
[72] ASSAL, ANTHONY, US
[72] EVANS, STEPHEN, US
[72] VAN HILL, JEREMY, US
[72] WHITNEY, ASHLEY, US
[72] YAZBECK, RICHARD, US
[72] FORTUNATE, ALAN, US
[7[illegible]ELL, AUDREY, US
[72] ROBINSON, TIMOTHY, US
[72] CHOUINARD, BRIAN DAVID, US
[72] CHAN, PHALA, US
[72] REBH, WILLIAM, US
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[54] **ENSEMBLE CHAISE RECOUVERT D'UN REMBOURRAGE**
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[72] BATTEY, ROBERT J., US
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[54] **STRUCTURE HYBRIDE ET PROCEDES DE FORMATION DE CELLE-CI**
[72] ERICKSON, MARCUS ALEXANDER, US
[71] THE BOEING COMPANY, US
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[54] **ACCESSOIRE D'ECLAIRAGE DEL INTEGRAL**
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[71] ETI SOLID STATE LIGHTING INC., US
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[54] **DISPOSITIF DE BIOMIMETISME EMETTANT DE LA LUMIERE**
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[72] CARDONE, AUTUMN, US
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[54] **PROCEDE ET APPAREIL DE CARBONATATION DE BOISSONS AU MOYEN D'UNE CARTOUC E**
[72] NOVAK, THOMAS J., US
[72] PACKARD, ROSS, US
[72] PETERSON, PETER, US
[72] GULLA, SHAWN, US
[72] HUOT CARLSON, JENNIFER CAITLIN, US
[72] SCHMITT, CAMILLA, US
[72] HEWITT, JIM, US
[72] ANGOTTI, MARC, US
[72] CARROLL, RAY, US
[72] ESTABROOK, RICHARD, US
[72] HARTLEY, KEVIN, US
[72] CONSOLI, FRANK, US
[72] COHEN, MARK, GB
[72] JONES, ROSS, GB
[72] MARTINEZ, NICOLAS ALEJANDRO, US
[72] HEMBER, MILES WILLIAM NOEL, GB
[72] SCHMITT, FABIEN YANNICK, GB
[72] MOTTRAM, NIAL ALLAN, GB
[72] O'PREY, CORMAC, GB
[72] ROLLINGS, NICHOLAS DAVID, GB
[72] KILBY, CHARLES FRAZER, GB
[72] RICHARDSON, CHRISTOPHER PAUL, GB
[72] JACKSON, THOMAS BATES, GB
[72] GRUBB, SCOTT, GB
[72] CHAN, WAI, GB
[72] CAMPBELL, NEIL LESTER, GB
[72] STACEY, GARY, GB
[72] COVEY, CHRIS, GB
[72] DOBSON, BARRY, GB
[72] WILKINS, PAUL, GB
[72] ROACH, CHRIS, GB
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[72] THOMPSON, KEITH, GB
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[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'ANALYTE**
[72] FENNELL, MARTIN J., US
[72] HE, LEI, US
[72] SLOAN, MARK K., US
[72] HAYTER, GARY, US
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[54] **METHODS AND SYSTEMS TO TRANSFER PROPPANT FOR FRACKING WITH REDUCED RISK OF PRODUCTION AND RELEASE OF SILICA DUST AT A WELL SITE**
[54] **METHODES ET SYSTEMES DE TRANSFERT D'AGENT DE SOUTENEMENT SERVANT A LA FRACTURATION A RISQUE REDUIT DE PRODUCTION ET DE LIBERATION DE POUSSIERE DE SILICE SUR UN SITE DE PUITS**
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[72] OREN, JOSHUA, US
[71] OREN TECHNOLOGIES, LLC, US
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[54] **VIDEO ENCODING METHOD AND VIDEO ENCODING APPARATUS AND VIDEO DECODING METHOD AND VIDEO DECODING APPARATUS, WHICH PERFORM DEBLOCKING FILTERING BASED ON TREE-STRUCTURE ENCODING UNITS**
[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO ET PROCEDE DE DECODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO, QUI REALISENT UN FILTRAGE DE DEGROUPAGE SUR LA BASE D'UNITES DE CODAGE A STRUCTURE ARBORESCENTE**
[72] HAN, WOO-JIN, KR
[72] ALSHINA, ELENA, KR
[72] MIN, JUNG-HYE, KR
[72] ALSHIN, ALEXANDER, KR
[72] KIM, IL-KOO, KR
[72] SHLYAKHOV, NIKOLAY, KR
[72] LEE, TAMMY, KR
[72] LEE, SUN-IL, KR
[72] CHEON, MIN-SU, KR
[72] CHEN, JIANLE, KR
[72] SEREGIN, VADIM, KR
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[54] **STRUCTURES AND COMPOSITIONS INCREASING THE STABILITY OF PEROXIDE ACTIVES**
[54] **STRUCTURES ET COMPOSITIONS AUGMENTANT LA STABILITE D'ACTIFS DE PEROXYDES**
[72] GOODHART, LESLE MARIE, US
[72] BERNHEIM, SUE ELLEN, US
[72] SAGEL, PAUL ALBERT, US
[72] RALSTON, CHRISTOPHER SCOTT, US
[72] WALDEN, GARY LYLE, US
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[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **IMPROVEMENTS IN AND RELATING TO BRAKING MECHANISMS**
[54] **PERFECTIONNEMENTS APPORTES A ET RELATIFS AUX MECANISMES DE FREINAGE**
[72] ALLINGTON, CHRISTOPHER JAMES, NZ
[72] DIEHL, ANDREW KARL, NZ
[72] ROBERTSON, BRUCE JOHN, NZ
[71] EDDY CURRENT LIMITED PARTNERSHIP, NZ
[22] 2010-01-29
[41] 2010-09-16
[62] 2,789,535
[30] NZ (575464) 2009-03-10

[21] **3,007,566**
[13] A1
[51] **Int.Cl. B64C 1/26 (2006.01) B64F 5/10 (2017.01) B64C 1/00 (2006.01)**
[25] EN
[54] **JOINT ASSEMBLY AND METHOD OF ASSEMBLING SAME**
[54] **ENSEMBLE DE JOINT ET PROCEDE D'ASSEMBLAGE DE CELUI-CI**
[72] WALKER, STEVEN PAUL, US
[72] VEIT, JOANNA MARA SERGIANE, US
[72] CAMBRONERO, ISAAC G., JR., US
[72] DAVIS, JAMES DONALD, US
[72] PAGLIARINI, MICHAEL D., US
[71] THE BOEING COMPANY, US
[22] 2014-07-15
[41] 2015-04-11
[62] 2,856,845
[30] US (14/051926) 2013-10-11

[21] **3,007,681**
[13] A1
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/10 (2006.01) A61K 47/14 (2017.01) A61K 47/42 (2017.01)**
[25] EN
[54] **CHEWABLE GELLED EMULSIONS**
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[72] DRAGET, KURT INGAR, NO
[72] HAUG, INGVILD JOHANNE, NO
[71] VITUX GROUP AS, NO
[22] 2009-10-08
[41] 2010-04-15
[62] 2,890,567
[30] GB (0818473.1) 2008-10-08

[21] **3,007,685**
[13] A1
[51] **Int.Cl. A01G 9/02 (2018.01) A01G 9/029 (2018.01)**
[25] EN
[54] **INSERT AND APPARATUS FOR TRANSPLANTING PLANTS**
[54] **INSERT ET APPAREIL POUR TRANSPLANTER DES PLANTES**
[72] VAN ROOIJEN, NICOLAAS, AU
[71] GOLDFIELDS COLLECTIONS PTY LTD, AU
[22] 2014-03-13
[41] 2014-09-18
[62] 2,905,175
[30] AU (2013900861) 2013-03-13

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EL-TAMIMY, MAHMOUD 3,007,587
ELBAUM, DANIEL 3,007,063
ELDOLAB HOLDING B.V. 3,007,157
ELECTROPHORETICS LIMITED 3,007,430
ELECTROPHORETICS LIMITED 3,007,448
ELIEZER KRAUSZ INDUSTRIAL DEVELOPMENT LTD. 3,007,948
ELLOUZE, SAMI 3,007,526
ELTEPU, LAXMAN 3,007,984
EMERY, CHARLES D. 3,007,665
EMMERICH, NATHAN C. 3,007,545
EMPERRA GMBH E-HEALTH TECHNOLOGIES 3,007,858
EMULATE, INC. 3,007,362
EMULATE, INC. 3,007,366
ENDODERMA CO.,LTD. 3,007,753
ENGEN, SIGLEIF 3,007,811
ENGLEMAN, EDGAR G. 3,008,019
ENHANCED EQUIPMENT LLC 3,007,410
ENSIGN-BICKFORD AEROSPACE & DEFENSE COMPANY 3,007,842
EPIDESTINY, INC. 3,007,357
EPIZYME, INC. 3,007,492
ERABLE, BENJAMIN 3,007,344
ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM 3,007,152
ERGONOMIC SOLUTIONS INTERNATIONAL LIMITED 3,007,270
ERHARDT, SASCHA 3,007,487
ERHARDT, SASCHA 3,007,521
ERIKSEN, FRANK 3,007,811
ERIKSSON, ESBJORN 3,007,684
ESCHRICH, SVEN 3,007,295
ESCOFFIER, ARNAUD 3,007,453
ESPINOSA, DAVID 3,007,835
ETCHEVERRY, LUC 3,007,344
ETHIER, JEAN-MICHEL 3,007,377
EUGENE, CHEN 3,008,012
EVERSOLE, DANIEL 3,007,477
EVOLVA SA 3,007,726
EVONIK DEGUSSA GMBH 3,007,487
EVONIK DEGUSSA GMBH 3,007,521
EVONIK DEGUSSA GMBH 3,007,745
EWING, TODD 3,007,462
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,007,052
EYAL, AHARON M. 3,007,393
F. HOFFMANN-LA ROCHE AG 3,007,447
FACEBOOK, INC. 3,007,531
FAGARASAN, SIDONIA 3,007,613
FAKOORIAN, SEYED ALI AKBAR 3,007,298
FALCONER, ESTER 3,007,846
FALK, CURT GUNNAR 3,007,615
FALTINGER, FRANK 3,007,987
FAN, LEI 3,007,783
FAN, XIAOCHUN 3,008,010
FARR, STEPHEN J. 3,007,673
FASCHING, PETER 3,008,002
FATTAL, DAVID A. 3,007,486
FATTAL, DAVID A. 3,007,532
FATTAL, DAVID A. 3,007,627
FAUSTIG, STEPHANIE 3,007,319
FAVERO, CEDRICK 3,007,272
FECHER, STEFAN 3,007,603
FECHER, STEFAN 3,007,607
FECHER, STEFAN 3,007,609
FEI, TENG 3,007,135
FELIX, CHRISTOPHER 3,007,469
FELLE, MAX FABIAN 3,007,307
FENG, BIN 3,007,513
FENG, JINHAI 2,986,925
FERAUD, JEAN-PIERRE 3,007,775
FERNANDES, LOUIS 3,007,598
FERREIRA, ADRIANO MANUEL POVOA 3,007,648
FINE, DAVID H. 3,007,991
FINE, DAVID H. 3,008,000
FINISAR CORPORATION 3,007,353
FINLAY, HEATHER 3,007,280
FISCHER, THOMAS 3,007,319
FISHER, CHAD ADAM 3,007,354
FIZZICS GROUP LLC 3,007,960
FLASHMAN, MICHAEL 3,007,840
FLOORING INDUSTRIES LIMITED, SARL 3,007,277
FLOWERSEP 3,007,775
FLSMIDTH A/S 3,007,985
FLUID HANDLING LLC 3,007,469
FOCUSTEC GMBH 3,007,319
FOERG, WOLFGANG 3,007,682
FONG, RANDY W.L. 3,007,693
FONSECA, FERNANDA 3,007,289
FORLER, EDOUARD 3,007,579
FORSTER, FRANK 3,007,521
FOS4X GMBH 3,007,303
FOS4X GMBH 3,007,337
FOSS-PEDERSEN, GEIR 3,007,676
FOSSATI, TIZIANO 3,007,592
FOSTER, AARON EDWARD 3,007,473
FOSTER, KEITH 3,007,910
FOURNIER, FRANCES 3,007,835
FOURNIER, THEA 3,007,374
FRANCO, ANTHONY CHARLES 3,007,522
FRANGAKIS, CRIST J. 3,006,962
FRANKE, MANFRED 3,008,024
FRASCHINI, CHRISTOPHE 3,007,284
FRASER, MAURICE ANDREW 3,007,279
FRATARCANGELI, SILVIA 3,007,481
FRAUNDORFER, CHRISTOPH 3,007,866
FRAZER, IAN 3,006,779
FREDERICK, HEATH ALAN 3,007,767
FREEMAN, JENNY E. 3,007,477
FREEMAN, SCOTT 3,007,933
FREITAS, ROBERT A., JR. 3,007,614
FRESENIUS MEDICAL CARE HOLDINGS, INC. 3,008,005
FREWEN, BARBARA 3,007,840
FREY, GERHARD JOHANN 3,007,646
FRID, EUGENE 3,007,933
FRIEVALT, CURT 3,007,322
FRISCH, RYAN L. 3,008,010
FRITSCHE, JENS 3,007,382
FUGRO TECHNOLOGY B.V. 3,007,610
FUJITSU LIMITED 3,007,463
FUKUDA, SEIJI 3,007,472
FULKERSON, BARRY NEIL 3,008,005
FULLAM, MICHAEL 3,007,985
FURUKAWA, KAZUHIKO 3,007,958
G.S. BLODGETT CORPORATION 3,007,520
GAAL, PETER 3,007,298
GADD, ADAM JAMES REGINALD 3,007,910
GADOULEAU, ELISE 3,007,639
GAGNON, ALLEN JOSEPH MARC 2,992,348
GAILLARD, KARINE 3,007,264
GALAUP, CHANTAL 3,007,797
GALE, MICHAEL 3,007,693
GALEOC, GWENAELLE 3,007,476
GALIN, ALEXANDRE 3,007,431
GALIN, ALEXANDRE 3,007,435
GALLY, CHRISTOPHE 3,007,869
GAMAGE, PUBUDU 3,007,642
GAMMONS, SCOTT 3,007,842
GARCIA, ARTURO 3,007,516
GARDNER, COLIN 3,007,633
GARG, SANJAY 3,007,446
GARVEY, ALAN 3,007,842
GAST, ROGER E. 3,007,628
GATT, CHARLES J. 3,007,294
GAUD, EMMANUEL JEAN-MARIE 3,007,514
GDYNIA, GEORG 3,007,877
GE LIGHTING SOLUTIONS, LLC 3,007,751
GE RENEWABLE TECHNOLOGIES 3,007,869
GE, QINGJIE 3,007,570
GE-HITACHI NUCLEAR ENERGY AMERICAS LLC 3,007,630
GE-HITACHI NUCLEAR ENERGY AMERICAS LLC 3,007,714
GECO INGENIERIE 3,007,891
GEDDES, HENRY 3,007,844
GEHRING, DORIS 3,007,699
GEHRING, DORIS 3,007,724
GENENTECH, INC. 3,007,419
GENENTECH, INC. 3,007,491
GENERAL MILLS, INC. 3,008,011
GEOMNI, INC. 3,007,968
GERARD, ANNABELLE PATRICIA VERONIQUE 3,007,526
GERAUD, REMI 3,007,450
GERLACH, TODD 3,007,986

GERMAIN, STEVE 3,007,751
GERSHONOVITCH, ASSAF 3,007,900
GEYER, CHRISTOPHER 3,007,358
GEYER, CHRISTOPHER 3,007,359
GHOSH, BRAHMANANDA 3,007,990
GHOSH, BRAHMANANDA 3,007,993
GIBB, JOHN 3,007,654
GIBBS, CATHY 3,007,479
GIPHART, JOHAN ERIK 2,988,626
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,007,653
GLEAVE, LAURA 3,007,639
GLEAVE, LAURA 3,007,954
GLIDDEN, BRADLEY R. 3,005,237
GOBBER, CEDRIC 3,007,256
GOEDECKE, RONALD D. 3,007,652
GOLAN, EZEKIEL 3,007,336
GOLDSMITH, ADAM T. 3,007,484
GOLDSMITH, ADAM T. 3,007,488
GOLDSTEIN, GREG A. 3,007,480
GOLDSTEIN, MICHAEL 3,007,466
GOLEMBIEWSKI, RONALD D. 3,007,320
GONTER, CURTIS 3,007,216
GONZALEZ, MELISSA 3,007,885
GOODMAN, LAURIE 3,007,292
GORA, KASIA 3,007,840
GORA, KATHERINE G. 3,007,635
GORIN, MICHAEL M. 3,007,356
GORMAN, DOUGLAS 3,007,667
GORMAN, STEVEN 3,007,667
GOUNDIAH RAMASAMY, JAYASHANGER 3,007,437
GRADINARU, VIVIANA 3,007,495
GRAMICCIONI, GARY A. 3,007,674
GRANADOS CORZO, BLANCA ALEJANDRA 3,007,962
GRANT, TYLER 3,007,633
GRBAVAC, ANDREA 2,991,366
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI 3,007,423
GREENE, DANIEL G. 3,002,373
GRI BIO, INC. 3,007,970
GRIBBY, STEVE 3,007,892
GRIBBY, STEVE 3,007,917
GRIBBY, STEVE 3,007,926
GRIES, GERHARD 3,007,849
GRIES, REGINE 3,007,849
GRIFFIN, EMILY PICCIONE 3,007,646
GRILLARI, JOHANNES 3,007,744
GRILLARI, REGINA 3,007,744
GROLLA, GIANLUCA 3,007,518
GROSSELIN, KEVIN ARMAND 3,007,526
GROUPE SANTE DEVONIAN INC. 3,007,132
GROVES, THOMAS ALEXANDER 3,007,522
GRUENBACHER, DANA PAUL 3,007,941
GU, XIAOSONG 3,007,300
GU, YUN 3,007,300
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,007,513
GUENA, THIERRY 3,007,834
GUENA, THIERRY 3,007,843
GUILLEMONT, JEROME EMILE GEORGES 3,007,758
GUIRAUD, JULIEN 3,007,899
GUO, YAN 3,008,006
GUPTA, ANKUR 3,007,752
GUSS, BENGT 3,007,831
GYPPAZ, FRANCK 3,007,306
HACKL, MATTHIAS 3,007,744
HAGERMAN, BRYSON 3,007,645
HAHN, MICHAEL 3,007,699
HAHN, MICHAEL 3,007,724
HALDOR TOPSOE A/S 3,007,428
HALE, TROY 3,007,396
HALFMAN, MARK DOUGLAS 3,007,471
HALIFAX BIOMEDICAL INC. 2,988,626
HALL, JOHN HARVEY 3,007,418
HALLIBURTON ENERGY SERVICES, INC. 3,007,271
HALLIBURTON ENERGY SERVICES, INC. 3,007,350
HALLIBURTON ENERGY SERVICES, INC. 3,007,354
HALLIBURTON ENERGY SERVICES, INC. 3,007,654
HALLIBURTON ENERGY SERVICES, INC. 3,007,717
HAMBURG, LYDIA 3,007,419
HAMBURG, LYDIA 3,007,491
HAMILTON, GERALDINE 3,007,362
HAMILTON, GERALDINE 3,007,366
HAMILTON, RICHARD 3,007,288
HAMMER, JAMES D 3,007,902
HAMON, SARA 3,007,276
HAMPSHIRE, SAMUEL 3,007,328
HAMPSHIRE, SAMUEL 3,007,329
HAN, MIN 3,007,870
HAN, YUN 3,007,668
HAND, CONOR 3,007,281
HANEY, SUZETTE 3,007,366
HANMER, MATTHEW 3,007,949
HANSEL, RENE 3,007,745
HANSEN, CARL LARS GENGHIS 3,007,846
HANSEN, ERIK TORNGAARD 3,007,436
HANSEN, MORTEN 3,007,500
HANSES SAGEWERKSTECHNIK GMBH & CO. KG 3,007,862
HANSES, JOSEF 3,007,862
HANSMANN, WILL 3,007,466
HANSON, GUNNAR J. 3,006,748
HAO, BAOYU 3,007,993
HARBRECHT, BRIAN A. 3,008,014
HARPER, STEVEN 3,007,063
HARRISON, DAVID LYNN 3,007,638
HASHIMOTO, AKIHIRO 3,007,608
HATTORI, NAOTO 3,007,577
HAUGHT, JOHN CHRISTIAN 3,007,767
HAULOTTE GROUP 3,007,572
HAZRATI, KATI 3,007,480
HEALTHTEXTILES I SVERIGE AB 3,007,966
HECKER, MICHAEL 3,007,307
HEINTZMAN, NATHANIEL DAVID 3,007,502
HEMBROUGH, TODD 3,008,002
HERMAN, IRA M. 3,007,181
HERMANS, PETER 3,008,008
HERRMANN, ANDREAS 3,007,997
HERSEL, ULRICH 3,007,976
HERSEL, ULRICH 3,007,979
HERSEL, ULRICH 3,007,982
HERSEL, ULRICH 3,007,987
HERSEL, ULRICH 3,008,015
HERSEL, ULRICH 3,008,017
HERVIEUX, SEBASTIEN 3,007,405
HERVIEUX, SEBASTIEN 3,007,407
HEWSON-HUGHES, ADRIAN 3,006,756
HEYRIES, KEVIN ALBERT 3,007,846
HEYWOOD, SAM PHILIP 3,007,493
HEYWOOD, SAM PHILIP 3,007,580
HIATT, ANDREW 3,007,815
HIBINO, NARUTOSHI 3,007,631
HIFIBIO 3,007,526
HIGAKI, TATSUYA 3,007,373
HIGHT, LAUREN MICHELLE 3,007,545
HILFIGER, MATTHEW 3,007,642
HILLMAN, ROBERT 3,007,356
HINOJOSA, CHRIS 3,007,362
HINOVA PHARMACEUTICALS INC. 3,007,783
HIRAHARA, SHINYA 3,007,921
HIRSCHHORN-CYMERMAN, DANIEL 3,007,233
HIRSHBLOND, STEPHEN PALMER 3,007,884
HOCHHALTER, MICHAEL 3,007,949
HODGES, BRIAN 3,007,821
HOERNER, WILLIAM 2,991,366
HOFFMANN, KLAUS 3,007,319
HOFLEITNER, PETER 3,007,219
HOFSTATTER, JOSEF 3,007,505
HOGE, STEPHEN 3,007,955
HOGG, TAD 3,007,614
HOHLIOS, GUS A. 3,007,274
HOJJATIE, MICHAEL MASSOUD 3,007,484
HOJJATIE, MICHAEL MASSOUD 3,007,488
HOLT, JEFFREY 3,007,476
HOLTMAN, JARED 3,007,842
HOLZ, EMILY 3,007,419
HONG, SEUNG-PYO 3,008,010
HONJO, TASUKU 3,007,613
HORHOLD, HEINER 3,007,603
HORN, GAVIN BERNARD 3,007,897
HORSEMAN, SAMANTHA J. 3,007,215
HORSEMAN, SAMANTHA J. 3,007,632
HORSENMAN, SAMANTHA J. 3,007,216
HORSLEY, HELEN TRACEY 3,007,975
HOUGHTON-LARSEN, JENS 3,007,726
HOUSE, WINIFRED ELIZABETH 3,007,949

HOWARD, DANNY ROLAND, JR. 3,007,421
HOWARD, JESSE J. 3,007,964
HSIGN S.R.L. 3,007,441
HSIGN S.R.L. 3,007,445
HU, QUI-HONG 3,007,304
HUANG, XIANHAI 3,008,006
HUANG, XINYU C. 3,007,285
HUARD, THIERRY 3,007,264
HUAWEI TECHNOLOGIES CO., LTD. 3,007,290
HUAWEI TECHNOLOGIES CO., LTD. 3,007,425
HUDIKSVALLS TEKNIKCENTRUM AB 3,007,615
HUELSKOETTER, FRANK 3,007,282
HUMPHREYS, DAVID PAUL 3,007,493
HUMPHREYS, DAVID PAUL 3,007,580
HUNG, CHENG-HUNG 3,007,961
HUNNICUT, PETER 3,007,322
HUNT, DAVID S. 3,007,941
HUNTER, DOUGLAS ANDREW 3,008,004
HUNTER, TIMOTHY HOLIMAN 3,007,350
HUNTINGTON, RICHARD A. 3,007,052
HUYARD, ALAIN 3,007,344
HWANG, SEONGWOO 3,007,412
HWU, PATRICK 3,007,301
HYLKEMA, NIENKE NINA 3,007,335
HYVELIN, JEAN-MARC PAUL ROBERT 3,007,514
I MOD S.A.S. DI CECCATO LUIGI & C 3,006,931
I360MEDICAL LTD. 3,007,281
IACONO, GIUSEPPE DELLO 3,007,984
IBIQUITY DIGITAL CORPORATION 3,007,994
IBRAHIM, PRABHA N. 3,007,462
IDEA BOXX, LLC 3,007,499
IFP ENERGIES NOUVELLES 3,007,264
IFP ENERGIES NOUVELLES 3,007,314
IFP ENERGIES NOUVELLES 3,007,325
IH IP HOLDINGS LIMITED 3,007,442
IHI IONBOND AG 3,007,278
IIDA, TADASHI 3,007,608
IKISHIMA, HIDEAKI 3,007,468
ILAN, EREZ 3,007,900
IMESHEV, VYACHESLAV 3,008,012
IMMATICS BIOTECHNOLOGIES GMBH 3,007,382
INDIAN SPACE RESEARCH ORGANISATION 3,007,601
INDUSTRIES MAILHOT INC. 3,007,377
INGENICO GROUP 3,007,450
INGRAM, THOMAS 3,007,965
INKPEN, STUART 3,007,129
INNOVHEART S.R.L. 3,007,836
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 3,007,289
INSTITUT NATIONAL DE RECHERCHE EN SCIENCIES ET TECHNOLOGIES POUR L'ENVIRONNEMENT ET L'AGRICULTURE 3,007,344
INSTITUT NATIONAL POLYTECHNIQUE 3,007,344
INSTRUMAR LIMITED 3,007,129
INTEGRUM AB 3,007,928
INTELGENX CORP. 2,998,218
INTERCONTINENTAL GREAT BRANDS LLC 3,007,339
INVENTIO AG 3,007,748
IRON CREEK GROUP, LLC 3,007,413
IRONSIDE, KANE 3,007,497
ISOBE, KYOHEI 3,007,743
ITO, MASATERU 3,007,743
ITT BORNEMANN GMBH 3,007,136
IYER, SATISH 3,007,360
IZUMI, MASAHIRO 3,007,608
IZUMI, TAKESHI 3,007,454
IZUMI, TAKESHI 3,007,460
IZUMI, TAKESHI 3,007,617
JABR, GHASSAN T. 3,007,949
JACKSON, LOGAN 3,007,835
JAKOBSEN, HANS PETER BLAABJERG 3,007,872
JALBOUT, ABRAHAM FOUAD 3,007,600
JANDL, MARC 3,007,275
JANG, KYUNG JIN 3,007,366
JANI, MINAKSHI 3,007,412
JANNARD, JAMES H. 3,007,629
JANSEN, RONALD 3,007,933
JANSSEN PHARMACEUTICA NV 3,007,990
JANSSEN PHARMACEUTICA NV 3,007,993
JANSSEN SCIENCES IRELAND UC 3,007,758
JEAN BOULLE LUXURY PAINT LTD 3,007,267
JEBORS, SAID 3,007,740
JEFFERY, JOHN DAVID 3,007,822
JENEWEIN, STEFAN 3,007,307
JENSEN, ALLAN 3,007,526
JENSEN, GITTE HOLM 3,007,432
JEPSON, LAUREN HRUBY 3,007,502
JESSEN, RANDI 3,007,436
JESSOP, ISRAEL 3,007,220
JEZEQUEL, CEDRIC 3,007,869
JFE STEEL CORPORATION 3,007,983
JFE STEEL CORPORATION 3,007,989
JHA, MANISHA 3,007,213
JI, TINGFANG 3,007,897
JIANG, JINLONG 3,008,006
JIN, QI 3,007,653
JOHANSSON, PATRIK 3,007,490
JOHNSON MATTHEY FUEL CELLS LIMITED 3,007,651
JOHNSON, CHRISTOPHER SOAMES 3,007,479
JOHNSON, DAVID 3,007,634
JOLY, LOIC 3,007,571
JONES, LISA A. 3,007,159
JONSSON, ASA 3,007,256
JONTE, PATRICK B. 3,007,437
JUN, HYUN JO 3,007,647
JUNO THERAPEUTICS, INC. 3,007,258
JUNO THERAPEUTICS, INC. 3,007,262
JURENDIC, SEBASTIJAN 3,007,650
JUSTE, CATHERINE 3,007,289
KADLUB, NATACHA 3,007,839
KADYLAK, DAVID ERWIN 3,007,452
KALATEH AHMAD, AKRAM AHMADI 3,007,717
KALWA, NORBERT 3,007,578
KALZIP GMBH 3,007,332
KAMATH, APURV ULLAS 3,007,502
KANASTY, ROSEMARY 3,007,633
KARABACAK, DEVREZ MEHMET 3,007,610
KARALIS, KATIA 3,007,362
KARAPUTADZE, NINO TEMURIEVNA 3,007,389
KARAPUTADZE, TEMURI MUSAEVICH 3,007,389
KARCZEWICZ, MARTA 3,007,664
KARLAS, FERDINAND JOHANNES LEONARDUS 3,007,332
KARPMAN, MAURICE S. 3,007,978
KARSDAL, MORTEN 3,007,582
KASEMSUWAN, TUNYAWAT 3,007,742
KASTHURI, RANGAN KRISHNASWAMY 3,007,747
KATHOLIEKE UNIVERSITEIT LEUVEN 3,007,975
KAUFMAN, RIVKA 3,007,900
KAULBACH, PETE 3,007,949
KAUPPI, JANNE 3,007,351
KAWAMURA, KENJI 3,007,743
KAZMI, AUON HAIDAR 3,007,338
KEENAN, DESMOND B. 3,007,500
KELDERS, QUINT 3,007,443
KELLOGG COMPANY 3,007,331
KEMIRA OYJ 3,007,835
KENDA, MARIO 3,007,332
KERNS, S. JORDAN 3,007,362
KERROD, JULIE 3,007,981
KERRY, PHILIP 3,007,639
KERSSENS, PJOTR 3,007,444
KESPRY INC. 3,007,048
KHAN, MAJID 3,007,751
KIKUCHI, MASAHIRO 3,007,460
KILGORE, KEVIN L. 3,008,024
KIM, DO HOON 3,007,835
KIM, JAE SOO 3,007,753
KIM, MOONSIK 3,007,746
KIM, YONG-MI 3,007,424
KIMBALL, AARON 3,007,840
KINOSE, YUTAKA 3,007,454
KINOSE, YUTAKA 3,007,460
KINOSE, YUTAKA 3,007,617
KIRSCHNECK, DIRK 3,007,305
KISS, TIBOR 3,007,977
KJAER, THOMAS 3,007,872
KLABBERS, BRAM 3,007,904
KLAUBA, BRUCE 3,007,963

| Name | Number |
|---|---|
| KLEIN, FRANK ERIC | 2,991,366 |
| KLINCSIK, MIHALY | 3,007,977 |
| KLINGEMANN, HANS | 3,007,996 |
| KLOSTERMANN, MICHAEL | 3,007,745 |
| KNIPPER, STEFAN | 3,007,719 |
| KNOPPERS, GERMAN ENRIQUE | 3,007,610 |
| KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH | 3,007,524 |
| KNUTZEN, JOE | 3,007,902 |
| KOBAYASHI PHARMACEUTICAL CO., LTD. | 3,007,310 |
| KOBAYASHI, HIROSHI | 3,007,373 |
| KOCHANEK, ANDREW M. | 3,007,842 |
| KODAKARI, NOBUAKI | 3,007,921 |
| KODELIA, KONSTANTIA | 3,007,366 |
| KOEHLER, KATHERINE YERRE | 3,007,502 |
| KOESTER, HUBERT | 3,007,458 |
| KOH, SEONG-UNG | 3,007,465 |
| KOJIMA, KATSUMI | 3,007,983 |
| KOJIMA, KATSUMI | 3,007,989 |
| KOLETSCHKA, THOMAS | 3,007,358 |
| KOLETSCHKA, THOMAS | 3,007,359 |
| KOLTZ, MICHAEL LEE, JR. | 3,007,857 |
| KOMATSU LTD. | 3,007,470 |
| KOMATSU, MAKOTO | 3,007,454 |
| KOMATSU, MAKOTO | 3,007,460 |
| KOMATSU, MAKOTO | 3,007,617 |
| KOMET, ISRAEL | 3,007,388 |
| KOMINSKI, HARRY CHARLES | 3,007,484 |
| KOMINSKI, HARRY CHARLES | 3,007,488 |
| KOMIYAMA, SATORU | 3,007,310 |
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ORTWIG, JAN PETER 3,007,239
OSAWA, RYOICHI 3,007,577
OSEKA, MACIEJ 3,007,953
OUT AND OUT CHEMISTRY SPRL 3,007,515
OUTOTEC (FINDLAND) OY 3,007,394
OUTOTEC (FINLAND) OY 3,007,351
OUTOTEC (FINLAND) OY 3,007,873
OWEN, ROBERT MCKENZIE 3,007,595
OWENS, RICK T. 3,007,417
OZAKI, TOMONORI 3,007,470
PADILLA-ACEVEDO, ANGELA I. 3,007,621
PADLOCK THERAPEUTICS, INC. 3,007,639
PADLOCK THERAPEUTICS, INC. 3,007,954
PAGE, STEPHEN 3,007,446
PAHLE, WOLFGANG 3,007,524
PAHMET LLC 3,007,219
PAHUJA, ASHWINI 3,007,994
PAIEMENT, NADINE 2,998,218
PAINT & AEROSOL CONSULTANCY 3,007,586
PAL, ANDREW ATTILA 3,007,502
PALFREY, JORDAN 3,007,639
PALKOVIC, STEVEN D. 3,007,324
PALMFELDT, JOHAN 3,007,436
PALMROOS, JOHN ERIK MICHAEL 3,008,005
PAN, WEIDONG 3,008,006
PANTHER, ALEXANDER GYLES 3,007,340
PAPAGEORGIOU, VASILEIOS 3,007,278
PARADA, LUIS F. 3,007,988
PARIS, JAMES 3,007,471
PARK, HYOUNG SHIN 3,007,366
PARK, JAE-HYUN 3,007,465
PARK, MIN 3,008,006
PARK, SANG JIN 3,007,753
PARK, YOEN-JUNG 3,007,465
PARKER, MICHAEL F. 3,007,639
PARMA, PAOLO 3,007,905
PAROT, SEBASTIEN 3,007,572
PARROTT, SHELLEY 3,007,639
PATEL, BABULAL R. 3,007,062
PATEL, DILIP N. 3,007,062
PATEL, JAY MILAN 3,007,294
PATEL, SNEHAL G. 3,007,657
PATHER, SHYAMALAN 3,007,531
PATOLSKY, FERNANDO 3,007,606
PATRICK, JAMES 3,007,693
PATTERSON, CHRISTOPHER 3,007,847
PAULY, MICHAEL 3,007,815
PEARSON, GUY TIMOTHY 3,007,452
PECSI TUDOMANYEGYETEM 3,007,977
PEERY, WENDELL 3,007,820
PELLETIER, ANDREE 3,007,833
PENG, GANG 2,986,414
PENNELL, ROGER I. 3,007,288
PEREIRA, ARVIND ANTONIO DE MENEZES 3,007,593
PEREZ GALLARDO, ALFONSO 3,007,962
PERLEE, LORAH 3,007,276
PERSON, TIMOTHY J. 3,007,771
PERSSON, TOMAS 3,007,966
PERSSON, TONY 3,007,265
PETIT, PRISCILLA C. 3,007,991
PETIT, PRISCILLA C. 3,008,000
PETR, MICHAEL T. 3,007,937
PETRACCA, PHILIP 3,007,960
PETROPOLIS, DEBORA 3,007,366
PFIZER INC. 3,007,481
PFIZER LIMITED 3,007,595
PGS GEOPHYSICAL AS 3,007,865
PHAM, NHAN VIET 3,008,005
PHILIP MORRIS PRODUCTS S.A. 3,007,517
PHILIP MORRIS PRODUCTS S.A. 3,007,764
PHILIPP, CHRISTOPHER DONALD 3,007,956
PHILIPP, THOMAS 3,007,505
PHILLIPS, SHAUN 3,007,517
PHOSPHAGENICS LIMITED 3,007,587
PICARD, ARNAUD 3,007,839
PICARD, CLAUDE 3,007,797
PIERRE, FRITZ, JR. 3,007,052
PIJNAPPEL, WILHELMUS WENCESLAUS MATTHIAS 3,007,152
PILLAI, KRISHNAN S. 3,007,674
PINKSTAFF, JASON K. 3,007,315
PIONEER HI-BRED INTERNATIONAL, INC. 3,007,317
PIVOVAROV, EUGENE 3,007,348
PIXOBOT, INC. 3,007,296
PLASMATREAT GMBH 3,007,719
PLASMION GMBH 3,007,449
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 3,007,505
PLASTIPAK PACKAGING, INC. 3,007,223
PLATA, ROLANDO B. 3,007,213
PLEXXIKON INC. 3,007,462
PLUMMER, CHRISTOPHER W. 3,008,006
PLUTZ, JASON 3,007,322
POHL, MATTHIAS 3,007,221
POHLHAUS, DENISE TEOTICO 3,007,653
POITOU, ADELINE FREDERIQUE JOELLE 3,007,526
POLIN, ERIC JOSEPH ETIENNE 3,007,899
POLY-MED, INC. 3,007,254
POLY-MED, INC. 3,007,935
PONTIGGIA, MARCO 3,007,592
POP, MARIANA 3,007,940
PORTEOUS, BRUCE 3,007,332
PORTER, DAVID GLENN 3,007,781
PORTER, DAVID GLENN 3,007,812
PORTER, JONATHAN 3,007,475
PORTILLA, ROSA CASADO 3,002,373
POSCO 3,007,465
POTANIN, ANDREI 3,007,283
POTIER, NICOLAS 3,007,841
POTNIS, SHASHANK VISHWANATH 3,007,213
POULARD, CORINNE 3,007,306
POULSEN, JEREMY 3,007,352
POUSSE, YANNICK MICHEL LOUIS 3,007,526
POUTANEN, TOMI JOHAN 3,007,853
POWER, CALEB 3,007,478
POWERS, JEFFRY EARL 3,007,514
PPG INDUSTRIES OHIO, INC. 3,007,951
PRADHAN, GAURAV N. 3,007,434
PRATHAP, V S 3,007,601
PREAVY, SEAN M. 3,007,520
PREETI, NATHAN 3,008,012
PREGARTNER, THILO 3,007,313
PREMIER CITRUS APZ, LLC 3,008,016
PRENDIVILLE, WALTER 3,007,281
PREVOST, JULIE 3,007,914
PRICE, GENE TEMPLE 3,007,358
PRICE, GENE TEMPLE 3,007,359
PRITCHARD, MARTYN 3,007,768
PRITCHARD, MARTYN 3,007,776
PROCYSHYN, CHRIS 3,007,930
PROSTAR MANUFACTURING INC. 3,008,004
PROSTAR MANUFACTURING INC. 3,008,007
PROXIMAGEN GROUP LIMITED 3,007,776
PRYDE, DAVID CAMERON 3,007,595
PRYSMIAN S.P.A. 3,007,676
PRYSTUPA, DAVID A. 3,007,506
PTC THERAPEUTICS, INC. 3,007,412
PURVIS, DANIEL 3,007,945
QIAN, SHAWN 3,007,922

QIAN, XUEMING 3,007,135
QOSMOS TECH. 3,007,224
QUALCOMM INCORPORATED 3,007,298
QUALCOMM INCORPORATED 3,007,318
QUALCOMM INCORPORATED 3,007,664
QUALCOMM INCORPORATED 3,007,814
QUALCOMM INCORPORATED 3,007,897
QUANDALLE, BENOIT 3,007,923
QUANTA SYSTEM S.P.A. 3,007,518
QUIX, MAARTEN 3,007,755
R. J. REYNOLDS TOBACCO COMPANY 3,007,957
RABINOVICH, ANDREW 3,007,367
RABIZADEH, SHAHROOZ 3,007,656
RABIZADEH, SHAHROOZ 3,007,996
RABIZADEH, SHAHROOZ 3,008,002
RABOLIN, SYLVAIN 3,007,392
RADIOMETER MEDICAL APS 3,007,872
RAFRAFI, YAN 3,007,344
RAJON, CYRIL 3,007,885
RAMIREDDY, LAKSHMI BHASWANTH 3,007,940
RAMOT AT TEL-AVIV UNIVERSITY LTD. 3,007,606
RAMSEY, CHRISTOPHER PAUL 3,007,522
RANCURET, PAUL, M. 3,008,009
RANDALL, WILLIAM 3,007,933
RANDRIAMANANTENA, TOJONIRINA 3,007,775
RANGSTEN, PELLE 3,007,291
RAO, PADMANABHA R. 3,007,360
RAO, PRASAD KRISHNAMOORTHY 3,007,949
RASMUSSEN, CAROLINE ELISABETH 3,007,976
RASMUSSEN, CAROLINE ELISABETH 3,007,979
RASMUSSEN, CAROLINE ELISABETH 3,007,982
RASMUSSEN, CAROLINE ELISABETH 3,008,017
RASTOGI, KUMAR RAJEEV 3,007,425
RATHI, DINESHCHANDRA, HARIKISAN 3,007,723
RAU, HARALD 3,007,976
RAU, HARALD 3,007,979
RAU, HARALD 3,007,982
RAU, HARALD 3,007,987
RAU, HARALD 3,008,015
RAU, HARALD 3,008,017
RAVANELLI, RODOLFO 3,007,345
RAVENSBERG, TOM 3,007,466
REBERNIK, MATTHIAS 3,007,690
REBOLDI, ALESSANDRO 3,007,905
REBOUL-SALZE, CEDRIC 3,007,834
REBOUL-SALZE, CEDRIC 3,007,843
RED.COM, LLC 3,007,629
REEVELL, TONY 3,007,764
REFORM BIOLOGICS, LLC 3,002,373
REGENERON PHARMACEUTICALS, INC. 3,007,276
REGENERON PHARMACEUTICALS, INC. 3,007,644
REICHEN, MARCEL 3,007,526
REIHMAN, ELI 3,007,502
REILLY, MICHAEL 3,007,767
REINARZ, KELLY 3,007,779
REM TEC S.R.L. 3,007,905
RENFREW, BRUCE 3,007,517
RENLUND, MARKUS 3,007,291
RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK 3,007,211
RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL 3,007,631
RESPIRATORY MOTION, INC. 3,007,477
RETROPHIN, INC. 3,007,063
REUBERSON, JAMES THOMAS 3,007,975
REUSER, ARNOLDUS 3,007,152
REVANCE THERAPEUTICS, INC. 3,007,816
REYBOK, RICHARD, JR. 3,007,844
REYNAUD, PIERRE-LUC 3,007,885
RHEINMETALL WAFFE MUNITION GMBH 3,007,879
RHINES, JEFFREY 3,007,844
RHODIA OPERATIONS 3,007,735
RICHARDS, PAUL WILLIAM 3,007,316
RICHARDSON, PETER 3,007,768
RICHARDSON, PETER 3,007,776
RICHMAN, JESSICA 3,007,503
RICHTER, ROGER TODD 3,007,413
RICKEY, TODD 3,007,295
RICO ALVARINO, ALBERTO 3,007,298
RIDER, ANDREW JAMES PHILLIP 3,007,341
RIDER, MICHAEL HUGH JAMES 3,007,341
RIDGILL, MARK 3,007,639
RIEGER, FLORIAN 3,007,303
RIEGER, FLORIAN 3,007,337
RIEKE, JAMES 2,986,925
RIGHINI, GIOVANNI 3,007,836
RINALDI, GIANLUCA 3,007,481
RIOU, MICHEL ANTHONY 3,007,302
RIOUX, JUSTIN 3,007,751
RITTER, GERD 3,007,233
RITTOF, TIMOTHY 2,986,925
RIZZIERI, GIORGIO 3,007,738
ROBEN, CAREN 3,007,487
ROBEN, CAREN 3,007,521
ROBERTS, MARK F. 3,007,480
ROBINSON, MARK RIES 3,007,457
ROBINSON, MARK RIES 3,007,501
ROBINSON, RONALD 3,007,835
ROBOTIC LAWN CARE SWEDEN AB 3,007,620
RODENBECK, ROBERT W. 3,007,437
RODENHEBER, TIMO 3,007,873
RODNEY, PAUL F. 3,007,717
ROEWE, THOMAS 3,007,949
ROHM AND HAAS COMPANY 3,007,855
ROHM AND HAAS COMPANY 3,007,937
ROHN, NICOLE 3,007,686
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC. 3,008,009
ROMANO, JOSEPH 3,007,358
ROMANO, JOSEPH 3,007,359
RONXHI, JANEY 3,007,366
ROOT, MICHAEL R. 3,007,475
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 3,007,616
ROSENFELD, YEHIEL 3,007,737
ROSENSTEIN, BJORN 3,007,699
ROSENSTEIN, BJORN 3,007,724
ROSZIK, JANOS 3,007,301
ROTH, WILFRIED 3,007,877
ROULLE, ALAIN 3,007,388
ROURE, FREDERIC 3,007,891
ROY, YVAN 3,007,841
RUHKAMP, WINFRIED 3,007,583
RUMINSKI, ANNE M. 3,007,212
RUPP, KEVIN D. 3,007,658
RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG 3,007,877
RUSH, BRIAN 3,007,420
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 3,007,294
RUTLOH, MICHAEL 3,007,319
RUTTEN, MATHIAS ANTONIUS FRANSISCUS 3,007,904
RUZICKA, PAUL 3,007,469
RYAN, AARON 3,007,940
RYLEY, JAMES 3,007,614
S&C ELECTRIC COMPANY 3,007,781
S&C ELECTRIC COMPANY 3,007,812
S.P.C.M. SA 3,007,272
SABNIS, STACI 3,007,955
SABOO, T 3,007,601
SAES, MARC 3,007,157
SAFETY TECHNOLOGY INTERNATIONAL INC. 3,007,821
SAFRAN ELECTRICAL & POWER 3,007,899
SAINT-GOBAIN GLASS FRANCE 3,007,402
SAINT-GOBAIN GLASS FRANCE 3,007,405
SAINT-GOBAIN GLASS FRANCE 3,007,407
SAINT-GOBAIN PLACO 3,007,392
SAINT-GOBAIN PLACO 3,007,497
SAKAMOTO, TAKESHI 3,007,454
SAKAMOTO, TAKESHI 3,007,460
SAKAMOTO, TAKESHI 3,007,617
SAKAMURI, SUKUMAR 3,007,984
SAKUMA, TAKASHI 3,007,454
SAKUMA, TAKASHI 3,007,460
SAKUMA, TAKASHI 3,007,617
SALEMI, LAURENT 3,007,775
SALIH, NABEEL 3,007,302
SALISBURY, CLEO 3,007,491

SAMULSKI, RICHARD JUDE 3,008,013
SANBORN, JOHN ZACHARY 3,008,002
SAND, JANNIE MARIE BULOW 3,007,582
SANDEROVICH, AMICHAI 3,007,814
SANGER, GEORGE ALISTAIR 3,007,511
SANTINI, MARCO 3,008,012
SAREPTA THERAPEUTICS, INC. 3,006,748
SARMA, NARASIMHA 3,007,062
SASAKI, HITOSHI 3,007,577
SATO, MASASHI 3,007,912
SATOU, KIYOSHI 3,007,617
SAUDI ARABIAN OIL COMAPNY 3,007,215
SAUDI ARABIAN OIL COMPANY 3,007,216
SAUDI ARABIAN OIL COMPANY 3,007,623
SAUDI ARABIAN OIL COMPANY 3,007,632
SAUDI ARABIAN OIL COMPANY 3,007,642
SAUDI ARABIAN OIL COMPANY 3,007,950
SAUNTHARARAJAH, YOGEN 3,007,357
SAV HOLDING S.P.A. 3,007,738
SAWASKI, JOEL D. 3,007,437
SCA HYGIENE PRODUCTS AB 3,007,309
SCA HYGIENE PRODUCTS AB 3,007,312
SCHACHT, PAUL 3,007,478
SCHAEFER, PAUL 3,007,940
SCHAEFER, SEBASTIAN 3,007,750
SCHAEFFER-KORBYLO, LYNDSAY 3,007,283
SCHAER, DAVID 3,007,233
SCHAUSS, THOMAS 3,007,303
SCHAUSS, THOMAS 3,007,337
SCHECHNER, ALEXANDER 3,007,378
SCHEFFELIN, JOSEPH EDWARD 3,007,941
SCHEPENS EYE RESEARCH INSTITUTE 3,007,476
SCHILDT, JANKO 3,007,858
SCHILLER, PETER 3,006,698
SCHLEGEL, CHRISTOPH 3,007,684
SCHLIEF, MAREN 3,007,458
SCHLUMBERGER NORGE AS 3,007,811
SCHMELZER, MYRIAM 3,007,732
SCHMIDT, BRIAN 3,007,511
SCHMIDT, HOWARD K. 3,007,623
SCHMITT, HORST 3,007,332
SCHNEIDER, HUBERT 3,007,879
SCHOOR, OLIVER 3,007,382
SCHRENK, GERALD 3,007,364
SCHREY, ANNA K. 3,007,458
SCHROEDER, BRIGIT 3,007,367
SCHUBERT, MATTHIAS 3,007,303
SCHWAIGER, HUBERT MARTIN 3,007,356
SCHWEDER, THOMAS 3,007,307
SCHWEIZER, MARKUS 3,007,879
SCHWIND, BRIAN E. 3,007,945
SCHWINTNER, CAROLE 3,007,289
SCIENTIFIC GAMES HOLDINGS LIMITED 3,007,741
SCOTT, IAN RICHARD 3,007,574
SCOTT, IAN RICHARD 3,007,576
SEFKOW, MICHAEL 3,007,458
SEIBERT, VOLKER 3,007,233
SEIDAE INDUSTRIAL CO.,LTD. 3,007,746
SEIP, RALF 3,007,514
SELTZER, STEVEN 3,007,579
SEMBA BIOSCIENCES, INC. 3,008,014
SENARATNE-LENGALA, LASIKA SHYAMALIE 3,007,429
SENN, JOSEPH 3,007,955
SEPULVEDA, JAVIER A. PEREZ 3,007,159
SERAIP AG 3,007,876
SERBER, ZACH 3,007,635
SERBER, ZACH 3,007,840
SERVICENOW, INC. 3,007,844
SHACHAM, URI 3,007,512
SHAFER, KENT 3,007,694
SHAH, DHVANIT I. 3,007,299
SHAHRIARI, ALI 3,007,346
SHANGHAI FUKUN AVIATION TECHNOLOGY CO., LTD. 3,007,728
SHARMA, DINESH KUMAR 3,007,062
SHARMA, VIKAS 3,007,491
SHARP KABUSHIKI KAISHA 3,007,464
SHAW INDUSTRIES GROUP, INC. 3,007,418
SHAW, STEVAN GRAHAM 3,007,493
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,007,444
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,007,884
SHELLMAN, ERIN 3,007,840
SHERMAN, FAIZ FEISAL 3,007,941
SHI, JING 3,007,335
SHI, WILLIAM TAO 3,007,514
SHI, XIAOMEI 3,007,317
SHI, YUFENG 3,007,988
SHIRUDE, PRAVIN SUDHAKER 3,007,972
SHROFF, GAUTAM 3,007,338
SHULT, NICHOLAS S. 3,007,484
SHULT, NICHOLAS S. 3,007,488
SHUTTERFLY, INC. 3,008,012
SIBU, M S 3,007,601
SICOT, GUILLAUME 3,007,909
SIDRANE, JENNY AGNES 3,007,330
SIEDER, GEORG 3,007,965
SIEKMANN, JUERGEN 3,007,364
SIEMS, JENS 3,007,578
SIEVERDING, EWALD 3,007,745
SIGHT MACHINE, INC. 3,007,973
SIGMA ALIMENTOS, S.A. DE C.V. 3,007,962
SILBERT, GILAD 3,007,735
SILVEYRA, ALEJANDRO 2,991,366
SIMPSON STRONG-TIE COMPANY, INC. 3,007,396
SIMPSON, PETER C. 3,007,516
SINGAPORE HEALTH SERVICES PTE LTD 3,007,750
SINGH, BISWAJIT 3,007,684
SINGH, HARPREET 3,007,382
SINGH, VISHAL 3,007,296
SIVANICH, ANGELA 3,007,368
SIVASLIGIL, DOGAN SAHIN 3,007,622
SKAGERLIND, JAN PETER 3,007,170
SKOCZEN, PRZEMYSLAW 3,007,483
SKOCZEN, PRZEMYSLAW 3,007,489
SLEVIN, MICHAEL EDWARD 3,007,349
SLING MEDIA PVT LTD 3,007,360
SLING MEDIA, INC. 3,007,355
SLING MEDIA, INC. 3,007,360
SLING MEDIA, INC. 3,007,361
SLISHMAN, SAMUEL 3,007,222
SLIZ, JOSIAH DANIEL 3,007,366
SLOT, MARCO 3,007,153
SMITH & WESSON CORP. 3,008,003
SMITH, DANIEL 3,007,358
SMITH, DANIEL 3,007,359
SMITH, JOSEPH 3,007,842
SMITH, MICHAEL 3,007,475
SMITH, NATHAN E. 3,007,499
SMITH, RYAN 3,007,973
SMOLDERS, GERARDUS JOHANNES FRANCISCUS 3,007,335
SNODGRASS, RICHARD T. 3,007,414
SOANE, DAVID S. 3,002,373
SOCIETE DE RECHERCHES TECHNIQUES DENTAIRES - RTD 3,007,885
SOERENSEN, PAUL RAVN 3,007,872
SOLETANCHE FREYSSINET 3,007,923
SOLSTICE BIOLOGICS, LTD. 3,007,984
SOMERHAUSEN, BERNARD 3,007,333
SONG, COLETTE 3,007,382
SONG, HAO 3,007,497
SONI, ASHISH A. 3,007,062
SOON-SHIONG, PATRICK 3,007,656
SOON-SHIONG, PATRICK 3,007,996
SOON-SHIONG, PATRICK 3,008,002
SORDO, WALTER 3,007,243
SORIAGA, JOSEPH BINAMIRA 3,007,897
SOUCY, PHILLIP A. 3,007,324
SOUDIER, JEROME 3,007,880
SPANDLEY, LUKE 3,007,591
SPANGLER, ANTHONY G. 3,007,437
SPEISER, LEONARD ROBERT 3,007,593
SPENCER, ANDREW 3,007,426
SPENCER, DAVID MICHAEL 3,007,473
SPETH, CHRISTIAN HENRIK 3,007,428
SPEVAK, WAYNE 3,007,462
SPIJKER, ANTONIUS JOHANNES 3,007,904
SPIKES, GEOFFREY HUGH 3,007,651
SPIRIT AEROSYSTEMS, INC. 3,007,274
SPLETSTOSER, JARED 3,007,653
SPRINGER, TODD 3,007,923
SPROGOE, KENNETT 3,007,982
SPROGOE, KENNETT 3,007,987

SPROGOE, KENNETT 3,008,015
SPROGOE, KENNETT 3,008,017
SREEKRISHNA, KOTI TATACHAR 3,007,767
SRINIVAS, SUDARSHAN TIRUMALAI 3,007,747
SRINIVASA, SIDDHARTHA 3,007,358
SRINIVASA, SIDDHARTHA 3,007,359
SRIVASATAVA, NIKESH K. 3,007,940
STADLER, TOBIAS 3,007,616
STADLMANN, KLAUS 3,007,533
STAGSTED, JAN 3,007,436
STANDAAR, KOEN 3,007,904
STANDARD CAR TRUCK COMPANY 3,007,320
STANFIELD, LOUIS 3,007,352
STANFORD, CARL R. 3,007,820
STANKOVIC, KONSTANTINA 3,007,476
STARGREEN POWER CORPORATION 3,007,510
STAUB, RICHARD 3,007,478
STEEL, STEPHEN 3,007,940
STEFAN, HANDTKE 3,007,307
STEGEMOELLER, CALVIN L. 3,007,354
STEINBERG, MICHAEL A. 3,007,475
STEINER, JAMES P. 3,007,998
STEPANEK, JAN 3,007,434
STEPHENS, KENNETH A. 3,007,741
STERNBERG, HAL 3,007,733
STEWART, CAMERON 3,007,287
STOCK, JOSEPH 3,007,984
STOCKHAMMER, THOMAS 3,007,318
STRAKOV, HRISTO 3,007,278
STRANDQVIST, MIKAEL 3,007,309
STRANDQVIST, MIKAEL 3,007,312
STREGE, SETH RYAN PAUL 3,007,630
STREGE, SETH RYAN PAUL 3,007,714
STRODER, MICHAEL 3,007,873
STROUSE, ROBERT 3,007,631
STROZYK, HERVE 3,007,839
STRUCTURAL HEALTH SYSTEMS, INC. 3,007,471
STRYKER CORPORATION 3,007,956
STUMPE, JOACHIM 3,007,319
SUBLINOVE INC. 3,007,833
SUBRA, GILLES 3,007,740
SUBRAMANYAM, RAVI 3,007,283
SUETENS, THOMAS 3,007,755
SUEZ GROUPE 3,007,344
SUEZ GROUPE 3,007,584
SUEZ GROUPE 3,007,909
SUGIHARA, KAORI 3,007,617
SUGIRTHARAJ, DAVID 3,007,509
SUMITOMO METAL MINING CO., LTD. 3,007,373
SUN, HE 3,007,870
SUN, HUALIN 3,007,300
SUN, WANYING 3,008,006
SUPERSONIC IMAGINE 3,007,284
SURJAATMADJA, JIM B. 3,007,271
SURJAATMADJA, JIM BASUKI 3,007,350
SUTO, MIKITO 3,007,983
SUTO, MIKITO 3,007,989
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